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<400> 26856

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<400> 26857

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<212> DNA
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<210> 26867

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<213> Aspergillus nidulans

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 <213> Aspergillus nidulans

<400> 26873

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 <212> DNA
 <213> Aspergillus nidulans

<400> 26874

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ctcgccgcca tgcttgcaat tgaccaggca accgagctgt ccagacaaca tcaattagct 180
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252

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<400> 26875

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gttgtttcag attccgatgt tacagactct gaggaggctg actgggaaga tgccattcat 240
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<400> 26876

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tcaaatcctc agactcattc gggacttccc cgatcccatc ccgagagata ttctgtcgcc 180
cgacacacgt ctctccctcg gccagctcgg cgtgcgcgca ggtgcagtcg caaacattgc 240
ccttagtgct gcagccaacg ctgtcactga ggacgtcgat acatccgaca agaattttga 300
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<213> Aspergillus nidulans

<400> 26877

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 ttcagttggt ttgttgggta ccgcgatgct tgtttcagtc atgcttttga tcattgccaa 180
 agtaccctgc aatcttctga gatccttggg tggcttgggt cgacgctatg tacggatgta 240
 gaggtcgaga aggaggaggc acccaggggg tccatgcttg ctgatagggc cagcgggacg 300
 cttgatagct tgtttgattc ggccgatacc taa 333

<210> 26878
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 <212> DNA
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 ctcagtgttg aagcaatgga taaagtcttt taa 213

<210> 26879
 <211> 435
 <212> DNA
 <213> Aspergillus nidulans

<400> 26879
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 acctgcattc ccaccgtcac ttactcgacc gtcactatca cccccacggt tgctcccacc 360
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 ggactgcta cgtaa 435

<210> 26880
 <211> 579
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<213> Aspergillus nidulans

<400> 26880

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ttcacgtctg atccagcggg ccgccccgct atacatcctt gcggaattgt gacggatcag 180
ggcgtgcagg actggacggc cgtgacgcg gatctctcta gagctgtcct tgtgagtctg 240
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gacgttgggt tggcggcgaa gtggcttgca gatatcgagc cattgcctag gaaggtcatc 480
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atggagtcac tacagggcgg tgatattgtg ataattgcg 579

<210> 26881

<211> 609

<212> DNA

<213> Aspergillus nidulans

<400> 26881

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aaagtgcccc agcagtcccc caggctaggc gttatcgag gaaggaggaa acaagcaaca 180
ccagaaccag agccagagcc agagccaagt agcaaaccat tccgatctca atccccagaa 240
ccgcacccgc caccaaaaaa gagaaagcca ctaggtagga tcggcgttat tggcgggcac 300
aactccaagc aaaaagccgt acaagatcac agctctgaag cgccaagctc ctgcggaacg 360
gagagcgtac tgccaccggc agagacggcc caaaggcaga gcaataccga ggacgaggcg 420
gagaagaaaag aaagacccgc ttctaggtct ccatcgctcc gtgaagctaa ggaaccgaac 480
ctgaaaacac ctgcaaagcc ggaacgcgag gagacggagg aagaaaaagc ggacaggaaa 540
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aggtttttag 609

<210> 26882
 <211> 441
 <212> DNA
 <213> Aspergillus nidulans

<400> 26882

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 gagtctacac ctacccttgc gcctgcctct gagtccgcat ccgcacctcc aaaagaatcc 180
 ctagttcaag aagagccggc cgcaactcct gctccccagc aggagataga gacaattgac 240
 agtctgaacc tcccctctc cgctgccgat ggcctcatcc aaaaaccctt cgtccgcccc 300
 gttaacacag caaagccacc tccgcccgcc aaattgacac cagaacaaca agccaagtat 360
 gagagcgtgc ttaatccgtt tctgatggac aacttgtcca ccacagccgc gaagatgccc 420
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<210> 26883
 <211> 348
 <212> DNA
 <213> Aspergillus nidulans

<400> 26883

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 tcaacagagg cgcttaccac aggtttaact ctacgtgcgg gtggatgggt gaaaccagga 180
 gaagcgggag agactgctgg gtaaattagc tgtggagtat caacagtga agcaactaac 240
 agcaaccaag gtgaagagac agaggatgcg agcatgtatc acactctcct tgagttgtcg 300
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<210> 26884
 <211> 242
 <212> DNA
 <213> Aspergillus nidulans

<400> 26884

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 ggggccacag cgcctcccc tatggctccg gcattggcaa gccagcagag ccaacggatg 180
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 ga 242

<210> 26885
 <211> 236
 <212> DNA
 <213> Aspergillus nidulans

<400> 26885

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 tcgtacgctc ttcaccacac agccaaggag gcagagcact gggcttcacc aacatgcac 180
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<210> 26886
 <211> 490
 <212> DNA
 <213> Aspergillus nidulans

<400> 26886

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 gccaaaatag aggcgccgtt cgtgcacgcg catggcggtg gtaggagact actctccagc 180
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 tgaattatct 490

<210> 26887
 <211> 327
 <212> DNA

<213> Aspergillus nidulans

<400> 26887

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actcccacca atcctagact cccaagaca caagtcgggt tggctcgggg cacctcgatt 180
atccaaccta caactaagtc tcatcttgat gttcagctcg cggttagact cccactgact 240
gtcatggcgt accagttcaa ttttcagcct ctaccagtac cagatctgca caggggtata 300
cggggtacgg ataatgccaa cccctaa 327

<210> 26888

<211> 435

<212> DNA

<213> Aspergillus nidulans

<400> 26888

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cactcgaccg ctgacactgg cgctgtctcc ttcacctcca agtcctccac tccactggc 180
ttccagaacc tctacgtcgt cgagaagact gttctccccg tcgggctgac cgggccccac 240
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ttcacccatg cggacaagga ctacttcgcc attgaaggct atggcgacaa cccccagaag 360
accatctact ggtacggagc gcacagctcc acgtacagag cgttaacct ttgggttaag 420
gagttcaagg aataa 435

<210> 26889

<211> 300

<212> DNA

<213> Aspergillus nidulans

<400> 26889

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gagatcgcaa ctctcaggcc acaccagcac ctaaattgcca ttttcaaaga agccaattgt 120
gtacgcacac acacacacac acacacacac acacacacac acacacacaa tatggatttg 180

tccaatatga aatctggata cacgataaag tgggtgtgggg atgacggagt cgccggacag 240
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 <212> DNA
 <213> Aspergillus nidulans
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 ctccgcttcg acaactgggc cagagtcgct ctattcgctt cagacgagac tggcaatgtg 180
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 gttggccac tgctacatga cgacgatggt gacgtgccca tgcaggacgg gaatgccgtc 960
 aatggcaacg ctggcatgaa tggatgatgag tctatagggt actgtgtcgg gaatggagag 1020
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 <211> 282
 <212> DNA
 <213> Aspergillus nidulans

<400> 26891

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tcgataattc cgatagtgtg ccgcaggtcc aagaccatgg cggattaacg cacacagccg 120

aggatgacgt tgtgacggta tacactgacg acatgcaagt tctggcttct gacagggtat 180

ccgctctaga ctcggcggat gcaatggcca gccctcaacc ttcgaacaga aacgcgacta 240

ctgtcaacga tattgaattg gctaagacag agggtaacct tg 282

<210> 26892

<211> 655

<212> DNA

<213> Aspergillus nidulans

<400> 26892

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gtcgtcgtgg cgaatccgga cacagaccct gcttttggcg tctggctctgg cactggaatg 180

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gttcgcctcc ctggacttgc tcctgggtctt aaaggagtca ccccgagaa agttcagttt 360

gcagatgtta atggtatgta tcacccctt ctccgcccct cctctttttc tcttccacaa 420

tttctgtgtg tgtagatgc gtatatgtac cgagtgactg actgagttct ttcaggcgat 480

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ggacagctcg caccagcg gaaaggagat ggtcggaact ggagagagaa gatggtcatt 600

gcgccgggca ttaacggcgt cctcggtgat aaaattcggg ttgcagacat tgacg 655

<210> 26893

<211> 507

<212> DNA

<213> Aspergillus nidulans

<400> 26893

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cggaatgcct ccctcgaagc cgagcgcctgc tcaaagcagt ttgtcaggcg aacggcttcg 180
gtcacgacgc ttgcggctga ggcagtgcct tcggtatcac acagcatctg catgaccctc 240
atcgaggcac tgggttacac tgaatatgat gccgtcggtg accagatcca gggcctcatg 300
gattatctgg cctggacgac ttggaaagat tgtagaggct gcggtgacca cgagatctgc 360
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<210> 26894
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<212> DNA
<213> Aspergillus nidulans

<400> 26894
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ggtgctctgc ttatcagact tgetcctggt gtcgctagge tgctcgacgg tcttcttcct 1020
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<211> 306
<212> DNA
<213> Aspergillus nidulans

<400> 26895

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<210> 26896
<211> 330
<212> DNA
<213> Aspergillus nidulans

<400> 26896

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aatacgcaaa taaaggatga tgctgacgtc gatgcggacg acgacttgca taaagctctg 180
aacatggatc cggctacatc tcggcggggc ggactcgggtg ctaaagcgcg ggagctagat 240
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gaggatgagg gggagcagct gaattcctga 330

<210> 26897
<211> 363
<212> DNA
<213> Aspergillus nidulans

<400> 26897

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 cccagggtcta cgaacagggtc aaatgtgttt ggtggaagga tgaacagaga gggggatctt 240
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 tag 363

<210> 26898
 <211> 434
 <212> DNA
 <213> Aspergillus nidulans

<400> 26898
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 ctggaagtgc atggcgagcg tatgattaaa cgcaccttta atccgggctt caaaatcgct 300
 ctgcaccaga aagatctcaa cctggcactg caaagtgcga aagcacttgc gctgaacctg 360
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 ttggatcact ctgc 434

<210> 26899
 <211> 201
 <212> DNA
 <213> Aspergillus nidulans

<400> 26899
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<210> 26900

<211> 269
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<400> 26900

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<210> 26901
 <211> 348
 <212> DNA
 <213> Aspergillus nidulans

<400> 26901

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 gatgggtggt actcgttcag accagtgcg gtttctgga gagcttcctt ggccctgatt 180
 ctgttgatgg ttaggctttt tgtgctgagc gagttgttcg agattgagtg cgacatttca 240
 gtgtttccac gagaacggat gcaaattccc gatgggggtt cccattctgc gggtagaggg 300
 cgtaatggca tttttttatt cctagagttg gatgctctcg ggacctag 348

<210> 26902
 <211> 270
 <212> DNA
 <213> Aspergillus nidulans

<400> 26902

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 aaggttttcg ttgcacagcc ccccccgcc atcgtgaacc gtttgaataa aaccaagggt 120
 gcgaagtacc ccgatctgcg agcggagaag gaggactaca agaaaatgct tcaaagagag 180
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<210> 26903
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 <213> Aspergillus nidulans

<400> 26903

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 gcttctggcg tctgccatac cgatatcgta ctctctgcgg tgccgtcagg gcagctagga 180
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<210> 26904
 <211> 324
 <212> DNA
 <213> Aspergillus nidulans

<400> 26904

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 gcgttcgtcc gtgactctgt agaggaggag gaggagaagg ccaaagattc gactctagaa 180
 aaagatgaat tcaaggctgc tgagaaggac agcccagcaa cgggaaaata catgcttgag 240
 aagggacacg atgaggacaa atctgctgcc cagaaacagg gagccaaggg caatgtccgt 300
 atcgatgagg aaacggagaa ttag 324

<210> 26905
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 <212> DNA
 <213> Aspergillus nidulans

<400> 26905

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 aaaaccacct ttgttccgct cccctccatc ccttcgtcc gccaatctct cggcgteccc 180
 gccggccgtc agtttgccga cggaagcgac ttctacaccc tcctgtaat tgtggacgaa 240
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gcggatgcga atgggggcaa gggagagtcg ttcccgatat tgaagaatgg ggagaaattg 360
gatttttagga ctcccaatac ggctatgctt gttcccttat ctgctatgag cgaggttgcg 420
agacaggaca agtatttggga gtatgcgacc ttcaataccc acgttgatgc ggcgttcacc 480
ttgcatgttc tgctaacggt ccacggatta cccttcccgc ccgacacggc ggaagctacc 540
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aagcttgcca gaagcctaag aagtgtcag gagacctag 639

<210> 26906
<211> 207
<212> DNA
<213> Aspergillus nidulans

<400> 26906
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ctgggatggc actgagcgcc gctcgacacg ggctcagcgc tgacggcaag gaaaagggcg 120
cactcatggt gcacgaaagc ttcagactga agataaacag tcaccagcag ctagaaaaga 180
ctcatttcaa aggcgagagt gaagaag 207

<210> 26907
<211> 270
<212> DNA
<213> Aspergillus nidulans

<400> 26907
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agtgtcgacc taccaaactt tcacatatgc cccaaccttc cgccaaaccg gctgattgta 120
gtgcttatcc aatacaagat ccccttttcg caactgcttt tcccgggtacc gaatgccgcc 180
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ttggagaatg tctctgaaac ggctcgtaa 270

<210> 26908
<211> 655
<212> DNA
<213> Aspergillus nidulans

<400> 26908

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ctcagggtcg ttcagcaacg gcacggcggt tacaataatt accgcggcaa ccaaggggtgc 180
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tgctggaaaa gaccaccgcg aatataccgt ctccatcgct aatccgggca taggagtcta 300
tggtacaatg aactgcgat cggatatgct tttaccagg ccagtattgg agccagttta 360
acccaaagtg tctgaagggtc tctccccctc gctatccctg cgacgtcaaa gaacgtcgtg 420
catctgagca gctcatccca aacatgtact tggccaacag tcagcccgat gccatcgtcg 480
aggttgactt taatatcaac gaaagcacat tgaagttcag cgggattggg taccacgatc 540
tatcatgggg ttccgcgcgc cttgaatcat cgggtgcactc ctggtattgg ggccatggcc 600
gtctgggccc ttattctttg gtctggttcg acgttatggg ccgtgacggc aagga 655

<210> 26909
<211> 229
<212> DNA
<213> Aspergillus nidulans

<400> 26909

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agacacgcgg aagaattttg ggctcggccg ctcgagttg cgaatagagt cctacgggtg 120
acgggagcgc aaaaaacgca atctccacca cgagtccttg cccgtttggg aggtcaacgc 180
aatcttcac tatactataa gtccccagac tacaatctc tataatctga 229

<210> 26910
<211> 288
<212> DNA
<213> Aspergillus nidulans

<400> 26910

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ccatacgatt caggccgtga ggtcgccgca tgtgggtgtc atcaacgggtg ggcagggtgt 180
gcttccggtg ttaccagatg gggggatgga ggttattgtt ggtgttgagg agagttgtct 240

cgacagactg ttgaaggacc ctttgcttac gcgattcggg attgcgag 288

<210> 26911
<211> 228
<212> DNA
<213> Aspergillus nidulans

<400> 26911

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gcgtatgagt atgaaagtga ggggtgggggt gaggaggagg ataagagtga gggtgaggaa 120
gaggtcctgg ggccaactgg ggcggggggc caactgcatt ggctgcggcg gtgcaggggc 180
aaggccggcg tcgactcgtg gaggggttggg gagagcaggg ctggctga 228

<210> 26912
<211> 464
<212> DNA
<213> Aspergillus nidulans

<400> 26912

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tctggggatg accccgataa gcagcgttca gaagcacctc aagtcgacta ctctgaagct 180
ttgaaccgga acgcgactaa ccgctcacgg caccgcagac gtagagccac aacattgggc 240
tcaaaacgtg attttacaac tgacgaggtt atggacaagc agacagctga ggacctctc 300
aaccaggtcc aaggccacct catcctctgg ctttatgatt ggtacgtggt ctatcatcat 360
tgttctattc agaagtgtac ttacggagaa tataggctcg agaaggaaga acaggggtgga 420
aactggcttt acacccttga ccaaatttct cctctggaaa tata 464

<210> 26913
<211> 384
<212> DNA
<213> Aspergillus nidulans

<400> 26913

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gccccctgcg tcgaccaatg cataaacaat aacaacagcc cctcatgggtg ccagggcgac 120

gaactaggcc gcaaaggcac ccaatgtctc tgccgccatc tcgagtctac atcgttgatt 180
gagtgcatac gaaactgcag tcccagcgac cagtgggact ttgcaggggg gttgccccag 240
cattgtcgtg acgggctgtt tcccgatgcg cgggaagggg aggggggatgg tagcggcgcg 300
gacagcctta ttctgggttc gggcccatct ctgcgggtac tttgtggctt gggagctgtg 360
gctttcacct tcgtcttctc atga 384

<210> 26914
<211> 295
<212> DNA
<213> Aspergillus nidulans

<400> 26914
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cctacgccta ccggtgccgt tccatctggc ttccctgggtg gtgacttcgg cggcttcccg 180
gtgccttctg gcggtgccac tcccagagge ttaccccgct ttcacggttt ccctggccgt 240
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<210> 26915
<211> 342
<212> DNA
<213> Aspergillus nidulans

<400> 26915
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ttgaagaagg cccggcccgt ccgagccgcc atgatgcagc tgaaactcct tttagtggcc 120
attggtgtca gtgctaattg tttttcggag aaaatccttg ctggaaataa cattgacctc 180
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aggagagagc gggctgtgcc tctgaatgag atcatgacgt aa 342

<210> 26916
<211> 435
<212> DNA
<213> Aspergillus nidulans

<400> 26916

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ggccagaacc ggccgcccag aatgggcgcc ttgaggattc gcaggctgcc attaatcccc 120

tcgagagaat accagcgctt catgagttag ggaatggagc agagcccata gtacctggaa 180

gcgatgagaa catgcagcgc ccacagacca agtcgaaacg ccataccgtc tcattcaatg 240

tgccgcccgc aacacccccct cgcctctcgg aatggaagac tgcgccaacc gtgagactta 300

gtccctccga ctttgaatta caaccctcgg acgtggacag gaataaggcg tgggtgggaag 360

cggggtctcg cgaccgccgg caaagcagag cacttccaaa ggactaccag aagcctccag 420

tgcagaaacc aaaat 435

<210> 26917

<211> 487

<212> DNA

<213> *Aspergillus nidulans*

<400> 26917

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aaactccacc atcgccggcg tgagtatgac tacgacgacg ctgacgacga ccatgagccc 180

ctctcactact acggccgtgg gctgagtcca cagttcgggtg aggaggttgc aaccctatt 240

gccgaggaag gtgacctttc tggcattggt tatagcaaca gcagtaacaa cgacaagggc 300

gttcgatact gtcgcactcc ggcgcacggt aaaagcggtc actggggcggt tataagtaat 360

gagtttctgg acggtgtgcc cgaggcctct gcgccgggac taagttagta cccgcagaga 420

agaacgaaaa agagccaaaa ctatgtttat ggtgctgatt atggtgctga acgtcagagt 480

tcaagcc 487

<210> 26918

<211> 354

<212> DNA

<213> *Aspergillus nidulans*

<400> 26918

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gtcaatgttt atagatatgg cgaactacga tctgtgcagcg agcactggga gaatttctgg 120
ctgtgtatga agacgcggac gttccgggag actgagaaga agaagatcat ccgggatcat 180
tatcggaaga aagccattaa atataagaca ggcccagta gtgaggatgt ttgggatgtg 240
aggacggagc cggtaagggt gtgtttccag ggggattttg cggcactgga gagggagata 300
caagctgaag aggaggctca ggcgcgcgca aggcattgagg ctaatactgt ctga 354

<210> 26919
<211> 1225
<212> DNA
<213> Aspergillus nidulans
<400> 26919

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tatgactggc gcgtgggtggg agccactggc gaactggttc gctgatacct ggatgacgtc 480
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ggatcatcggt ggtgagagcg aggaggcgag tctggttggt gtgaataccc ctgaagaact 1140
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gcaggttacc ggcgcgagct tctga 1225

<210> 26920
<211> 240
<212> DNA
<213> Aspergillus nidulans

<400> 26920

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tattcagacg ccctcgccaa cgtcccagcc aacgcgacca cctacttcag ctccaccagc 180
cttggaattt tgctgaacac aaccggcagc tgggagttct tctggaccta tactggctga 240

<210> 26921
<211> 1137
<212> DNA
<213> Aspergillus nidulans

<400> 26921

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ctcgacgact ggagcgagca ggccatgatg cggcacgtct tcaaagcaag cgagaacgtc 180
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gatggagggt tcaaccgctt ctctgacgcc ttctcccgcc atgtccagag cagactcact 360
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acaatcatgg ctgtccctt caccatgaca cgcttcatgg acctccatc cttctcctct 540
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cttctcttcc gcgaacgctt ttgggagaaa ggcccacgtc ctatttttgg tggataactca 660
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<210> 26922
 <211> 338
 <212> DNA
 <213> Aspergillus nidulans

<400> 26922
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 aacgaaaatg tgtgtattag tatcaggctc gctggccatc tcgagtgggc tgagatatca 180
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 gggatatcct gcacacactc cctacgctgg aagcatta 338

<210> 26923
 <211> 229
 <212> DNA
 <213> Aspergillus nidulans

<400> 26923
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 tcaactgaga aactcacagc agcgcggtta cgggacatcg aggcaatgcc gagggcgaac 180
 atgttcaaag ctgttgacac ggagacggga aaaatatcgg ggtcgcgcg 229

<210> 26924
 <211> 486
 <212> DNA

<213> Aspergillus nidulans

<400> 26924

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gtagtcttgg acctgcccac cgctgatggc aacgtcttct tcttctttcc ccctgttgac 180
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tacagcgggg agttctcgcg catagacgac cgctttacga cccgcaagta caaccactat 360
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<210> 26925

<211> 279

<212> DNA

<213> Aspergillus nidulans

<400> 26925

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acgccagctc cacgacggga gagtcgtggg gtgctggaga gggagacttc gaagttgtcg 180
ggtcgaaggg agagtgggaa tgtgcttcgt caggcgttcg ataagtttgg taagggaggc 240
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<210> 26926

<211> 258

<212> DNA

<213> Aspergillus nidulans

<400> 26926

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ctggatagta taccgggtgg cgagcaagcg gtgaaacgtc tattagggcc gacgattcgg 180

gcattggaca cagccttgat gcggtataaa gaggctttgg ctgaggagat gaaaaatata 240
gaacctagca atacttga 258

<210> 26927
<211> 302
<212> DNA
<213> Aspergillus nidulans
<400> 26927

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tgcctctatt tccagtatgg gtgtgctgga caaggtcac cggcaccagt acggaagctt 240
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<210> 26928
<211> 1261
<212> DNA
<213> Aspergillus nidulans
<400> 26928

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cgaggatata cggccccga ggagctcgct cgagaaagag acgacgggcg tcgtggccgt 180
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<210> 26929
 <211> 231
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 26929
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 gaaccgggac gccacaagaa cgagaaagcc gccaacaccg ggacagaaga ggacacccga 180
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<210> 26930
 <211> 1221
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 26930
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 cgcgcgatcg tccagatctg caaaggctgc gatacaatcg ctcaagcgca gtccggtacc 180
 ggtaaaacgg cgactttctc gatcagcgct ctgcaagtca ttgatacagt tgttcgcaa 240

actcaagcac ttgttctctc tcccacccgt gaacttgcca ctcagattca gtcggtcatc 300
 atggcccttg gtgactacat gaacgttcaa tgtaacgctt gtattggagg cacaaatata 360
 ggtgaagaca ttcgcaagct cgattacggt caacacgttg tttctggcac acccggccgt 420
 gtcgccgata tgatccggag acgtcacctg cgcacgcgtc atatcaagat gttggtcctt 480
 gatgaagctg acgaactcct caaccgcgga tttcgagaac agatttacga tgtctaccgt 540
 tatctcccc cagccacgca agttgttgtc gtatccgcta cgctccccta cgatgtgctt 600
 gatatgacga ccaaattcat gacagacccc gtccgtgtcc tcgtcaagcg tgatgaattg 660
 acgctcgaag gcatcaagca atacttcata gctgtcgaga aggaagaatg gaagttcgat 720
 actctatgcg acttgtaga tactttaact atcacacaag ccgtcatctt ctgcaacacc 780
 cgtagaaaagg tcgactggct cacggacaag atgcgcgaag ccaacttcac agtatcaagc 840
 atgcatggag agatgccaca aaaggaacga gacagcatca tgcaggactt ccgtcagggc 900
 aactcgcgag tgcttatctc cactgacgtt tgggcgcgtg gtatagatgt ccagcaagtt 960
 tctcttgta tcaactacga tctccccacc aaccgtgaaa actacatcca ccgcatcggc 1020
 cgaagcggtc gattcggtcg caaggggtgt gctataaact ttgttacgag tgatgacgtg 1080
 cgtatcctac gcgatattga attatactac tctacgcaaa ttgacgagat gcctatgaat 1140
 ggtgagtgcc gcccattgac ctctccgcgc gataaggact atggaactga caaacatata 1200
 gttgccgacc tcctctctta a 1221

<210> 26931
 <211> 659
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 26931
 tctcgcgcc ggccgcgata aaggagccc ccaaggcgcg gtgctacgag gaaatcagca 60
 gaaagtgtat tgaagcggcc gagcagtcgg ttgacatctt caagcgcata gtcaaagaac 120
 agaccctctc aagccggata ctgttcgatt gccactgcat cggcgaggcg atgtggatct 180
 tgattcttgc cgtgcagaag ctgggcctcg aaaagcatcg gcaaatgctc cagctctgcc 240
 tcgagaccgt ccgcgggatg gaacagtttg ggtggtgtga gaaggtggca ccggagctgg 300
 aggccagagt gcacgagagt gggatcatgc agccgcagtc tcgacgagaa atgcagcaca 360

cccagcaaag cggacaccga agcctggact tccacagtca ggcgaatgga gctgaagcga 420
atgctggagg aggcattctc cctgaatctc gagctgattc tttagaggac acaactctgt 480
atgttcttcc ccgttctaata acttgtgggt gcagatggct aacagatctg gattacagta 540
atattgacat ttccgagttt ggccttctgg agacattcga tatggatatg gacaatgggt 600
ccgggctgat ggatatgctt gcagacgcaa cgctctcagc gtcacaactc ggcttttag 659

<210> 26932
<211> 303
<212> DNA
<213> Aspergillus nidulans

<400> 26932
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gcgggtggcc aatggggggcc ccgggaggca atcttggtc agggcgctaa agtagcgtct 120
ctccagctgc acttcatcac acgctttggc gttgttattc gacgaactcc ccgcaccatt 180
ctgcaacttc gacaacagca gcacgcggaa agcgtcatcg attggctcat cgttcgcgat 240
cctagcacac tcacgatgtg caacgactcg acatccagct cccgggtgca tccctggccg 300
gtc 303

<210> 26933
<211> 342
<212> DNA
<213> Aspergillus nidulans

<400> 26933
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cttgtctttt gggcgctggt ccgtgggtcg ggtcgctgt gggcctgccg cgttcagtcg 120
cctctcgtgg gcctgccttc gctccctgcg ctgcgtggc ttgccttggg cgggtggcgt 180
gttcccgct gcggatccct gtggcgggccc cttcttgggc tcgttgtttc cccgcgcgcc 240
ctcttgcttc gtggggcctt cggcgatgtg cggcgccctc ggcgctcctc ctggcccccg 300
gtgcttgggg gggggtcgcc cgcctactac ccgggctttt ag 342

<210> 26934
<211> 617
<212> DNA

<213> Aspergillus nidulans

<400> 26934

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tggatcgctg atgagaaccg ggaaagcata gcaacgtcaa aggcaccac acttatcgat 120
aacctcgaca tagtcttctt cgaggaccgg gcgcgcttcg acggggcctc gcgcgacgaa 180
ctacgggttc atttcaagga gtggcgagca gaccagtta ccaggctggg acctgcggat 240
ctggaggtga tgcgaggtac tcggctcggc gaattggtgc ctcggattac catggtgcat 300
cccgaattga tgggttcgag gtttcaacag tttatcgagg ttgatgagga gtcgctacac 360
agtatgcgcg aggggttcga cgagcccggt agaccgtacg ggaccggaca tgttgatttg 420
gtgtacgctg attggccgca tgacctagag gactctgatg aggatgaaag ccaggaggag 480
tatgaagatt atgaggtctt tgagcccatt gatgggtgta cagaggagaa tgtggggtgg 540
atgaaggtgg tggctactgg gctgggcccgc ctttcttctt cttgtcgtat ggcatcgaat 600
ggtggcaaga aagttat 617

<210> 26935

<211> 213

<212> DNA

<213> Aspergillus nidulans

<400> 26935

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ggccttctgc ctctgggtcc ggtgggtctc cttgggtctg tgtcccggtt gtgggggtgcc 120
ttgtgttttg ggcgtgtccc cccctgtgg ggtttttccg ggccggtcct ctttgcgggc 180
cccccttttg tttggcccggt ctctcgggggt taa 213

<210> 26936

<211> 875

<212> DNA

<213> Aspergillus nidulans

<400> 26936

atgaaatcca gaaagctatt gtcactggtc ccctcgtgg gtgtatcca cgccctcaat 60
gcaacgtccc tcacaagtca atacctcggg gctgatgcc cttggtacac ttcccgaatc 120

ccgctattcg aaacctcggg ctcgtcaatt gaggaagtct actattaccg ctggtccatc 180
 ttccgtgcac accagcgcga tctaggatcc cttgggtata tatccaccga gttcatcaat 240
 gacgtctcgt ggcagacttc cccatggggg attttgattg atgcagccaa cttccatctc 300
 cgggaaggac gctggtgtcg agaccgtcgg ttcaaggagg attacgctga tactctcttt 360
 ggaccgaata cataccccta tcagttctca gaggtcttgg ccgatggcgt ctgggcgggc 420
 tacctggtgg acggagtgat tgacgatgcc gtacaacgtt tagaggctat ggtcagtgtc 480
 tacgaggggt ggagcgacga aaatgcaacg ggtggcggtt gcggctacga tgagagcaaa 540
 gggctctact ggatccagcc cttggatgat gcgacagagt acacgatctc tagcatcgac 600
 gcgagcgggt ggtatgatgg gttttttggg ggcgaggcgt tcaggccgag catcaacgcc 660
 taccagttcg ccaacgcgaa agcgatctca aatctcgcag cctcgtcggg caacgaggat 720
 ctgcgggacg agtacaacgc caaagcagaa actatcaagt cccttgtcca gcaatatcta 780
 tggaacacta ctttcaacca cttcatcgac cggttctacg tcaacaatga gaacgtcaca 840
 tactgggatc cgatccgggg acgagagcta gtcgg 875

<210> 26937
 <211> 321
 <212> DNA
 <213> Aspergillus nidulans

<400> 26937
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 agatcgtctc tctcgccaaa tgataagaca agcgaactgg gtactcaaga actggctctc 120
 acggaaaagt tggatttcgt ccaccagttc ctgcaggaaa gccagatcac cttccaacc 180
 gccctgcaaa cagcatgggc tctgacgctt cgctgtttcg tgtcttgca tatectctcg 240
 ttcggctatc atgccagcaa tcttgacggc catgaagaac tggctctcgt cggccgagtc 300
 gacaacaccg agaccattgc g 321

<210> 26938
 <211> 767
 <212> DNA
 <213> Aspergillus nidulans

<400> 26938

atggatatta atcaggtgct atccagtcga atctcgaaga gccagctctt cccgctcgcc 60
 caccctccgc cgaaatccaa gtccgcaccg aacaagtcgc cgcgtctccg tctttctca 120
 cggctggtct tgcagatcca gcaatcgctc caatcccggtg cgatcccgat tctggagctc 180
 taccagccgt ccacatttgg gaaatcgatt gcgctgccag atgggagcag gaaggtgcat 240
 gggcgggata tgtatgtgac tcagagcgag atgtatacgc acctcaaacg gccaaagaaag 300
 agagatgcgg tggatgggta cggaactggg tatggacatg ggtatggaaa tgcgtatggg 360
 catacgacga aaccgcgctc ggggtctgga gggtcacgct cagtgtctgg gtcagcgtat 420
 agctcggcag ccagcagtcg tcccaagtcg agatccagcg gggccagttc aggcgatgag 480
 ggtcagggcg agtgcaaggc caagttcagg gctagacgga agagcggaaa cgatgccgac 540
 ggcgaacaag acgatgtcgt cgcgatgata catacctcac ccaagtcaac ggccgcagac 600
 gcacaactct tctttcccca gaacaaccag acctgggaaa cgacctcgtc caggcccggg 660
 tattatcgat tccagagcga tgggagctcg gtagtattcg aatgggagaa acgccctccc 720
 tcgcgctcgc atccttctag tgccgaggag aatgatgacg gtgagag 767

<210> 26939
 <211> 279
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 26939
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 ttgcgtaaaa agacatctct gagccagagc cagacactta ctgttgatgc cgatcttgat 120
 gccgacgccg atgccgacgc cgatgcagac gcagaatctg aatctgaaga gcagtctgtc 180
 tctgggacat ctgcatccaa gggagacaag gtgggggagg acctcgactt cgatgatgtg 240
 aacacaggcg aggctgatga tgactttggg tcaaggtag 279

<210> 26940
 <211> 360
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 26940
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taccatttta aaccacccgc atcgctaaat ccaggacacg gccaaagtcag caacattcaa 120
aatagcagca gtgacggcct ccaagaatcc tattactctg gaaacattca gggcagcgat 180
ccacgagcga gcaacatgca aggccaccgc caacctcaga ctacggccca gggacggtat 240
ttctcagcat ctccagctga ggagattgat gactttgatg atgaatacga cccagagagt 300
ctagatatcg gagctggcgg aaatggaagt ggtatgaggg agtggagtga gagggattaa 360

<210> 26941
<211> 402
<212> DNA
<213> Aspergillus nidulans

<400> 26941

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atcgctgaac tcgtggactc aggcccatta tttgctctgg ttaccgaagt tagcgccaga 120
gaggctatgc gagaccgctt gctctctaca acgggaagaa tcatatccct tcatagctc 180
gctcaggaca cgttgtacct cgagaaaccc gctaaggcac tccgttgtct gtgtccacca 240
aaattcaaag acagcttttag acatacgatg cgtcgccaat ggagcatagt cgggagcggg 300
cgaccacttg agattcagaa atccgagcat gtgtttgcaa caattgagcc gactgcaaat 360
gcattctccc tttgcatgat gcagctttgg cttttgcact ga 402

<210> 26942
<211> 459
<212> DNA
<213> Aspergillus nidulans

<400> 26942

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gtaatcggca cagttatcta ccaaaatatg ctgctcgaca aagcctccac catcgagcc 120
gcggtgggcc cagacacggc gcaatctctt cagaattcct tcgccgcaa caaccacgac 180
cttattoget ctttgccga tgatcaaaaa cgcgtcgtcc tttctgcatt cacttttgcc 240
ctctctcgga tttgggtctt ttatacagct atcgcgggcg ttgggttgat cgtagtggt 300
tttgtcaggc ctgctgtgct gagcaagacg catacggttg cgaaaacggg tttagcggag 360
caggaacgcg ccaggaagga gattctggaa gcgcaggcta aggcacgggc tagtaataat 420

aataataagg aggtgcctga gggcaaggag aaggtctag

459

<210> 26943
<211> 402
<212> DNA
<213> Aspergillus nidulans

<400> 26943

atgcaacccc agtctagcgt gccggggctc gtctcctccc tcacattcca gaccctgcct 60
cctgtaattc gtcctcgcg caacagtctc ggcttcccgc cgaactcaca tcccgaggaa 120
aaccttgtcc ttgtgctcgt ctggaactac tggcctggcg gggcctactc aagagcactg 180
cgtgacggta cgcgggcgct gtctgaggaa attgacgcgt tggccaggag cgaagggctg 240
gacgagcggc ttaggtatat gaattatgcg gccgagtggc aggatgttgt ttctggatat 300
ggcgaggaaa gtgtagaaga gctttggcgg gtttcaagga ggtatgatcc aaggggtatc 360
ttccaggaga gggcgcctgg ggggttttaa ttgcccaggt ag 402

<210> 26944
<211> 342
<212> DNA
<213> Aspergillus nidulans

<400> 26944

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gagcctcagg caccgacagc atcgactcc agctcatcca aaaacaatcc gcaggagaaa 120
gacagacaga atgagggcgt ccgcgatgtc gaagaccagt ctaacgatgg cgactcagca 180
cccgactacc aggcgttcaa actcactgcc accggccggc taatcttctg cgcgttggcg 240
gtcctcacc tcattggtcgc cctggatggg acgagtatct ctgttgcatc gccggtattc 300
tccttccaag atgctattgt agcctttctt attaagaaat ga 342

<210> 26945
<211> 370
<212> DNA
<213> Aspergillus nidulans

<400> 26945

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tggctcttct ctctgaaaag gattaagcaa acccgactca gcacaaccgc cgctcttgtg 120
 tcatataggc tgccattcgg tacgtgcatt tgccaaaccc ccagattgac aaattgacgc 180
 tctaagtgca aaagggattg actgcgccgt ccgtgccgtc taccagctct tgaactataa 240
 ctttgttgaa tggacgcaaa atgtgctcga agagaatgga cgaaccgtcg aattgcacct 300
 ggctggtgct agattggtgc tgacggacga ctgcgagaat gtcaaggcaa taatgttcag 360
 ccaggttgcc 370

<210> 26946
 <211> 480
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 26946
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 ctggtgaaaag agactgtctg tctgcttgat agcgatccca ttaacatcaa aaatgactct 120
 ctggtcgacg agcttatcga aaagtgcgag ggagacggaa tcagcaaaca tgacatgtct 180
 ctcgggccaa gtgacaagat cgagtggata gctggtggtc ttcccaaadc gacagagatc 240
 tactattcca tcgtctcctg ggaaaagggt tgcgagggcc cgaatcaaaa tccggtaacc 300
 ccaatggtgg gtcttacctg caaggatata acaaagaagc actttgaatt gggttgcatt 360
 agacccggtg atgttggtgt tgggtggcaca actgttggtg ggtgcttgcg ttatcaatca 420
 tacatgggag gttaccctct gggggaactc catgagggag cgatgccgga cgctagataa 480

<210> 26947
 <211> 1050
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 26947
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 tccgcgatct cagcagccga atctggagca ggtcgagtc ttcttatcga ctctgcccc 120
 gagcactggg caggaggaaa ctctacttt acagctggag ctttcagaac tgtccatgcc 180
 ggcctaactg acatccttcc gctcgtggac aatgtcgacc aggagaaagc atctaaaacc 240
 gacgttgagc cgtacacacc ggcagatttc ttgggtgaca ttacgcggat ttgtgtcgga 300

cggtcagatc cccatctctc aaaaacgctt gtgggggata gcaacgatgc ggtcaagtgg 360
 ctagcagagc atggagtgcg cttccagttg agttttaatc gccaggcgta cgagattgat 420
 gggcggttca gattctgggg cgggatgtgt ttgaagacgc agaatggggg gaagggtcta 480
 attgaggatg aacgacacgc ggccgagaag ctaggcgttg aaattttgtt caacacagca 540
 gcgaaacggc ttattcttga tccctctact ggtggtatcc gctctgtgat tgtgcaaaat 600
 acttctacct ctatatcttc tggtccact cctggattgg agctcggcga acgagaaatc 660
 tttaccaaat ctgtcatcct cgccgctggc ggcttcgaag cgaacccccg gatgagggca 720
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 aacgaattta cgaaatcggg gtatccgttg ggacttatga ttaatgccga gggaaagcga 960
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 ctggcacagc cgggccatgt tgcgtttcag 1050

<210> 26948
 <211> 1024
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 26948
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 cagacacctg agctctccga tctgtgtgca gtggtgactg gcgcaaattg tctatccggt 120
 tacaatatgg tgcgggtggt gtcagcagcc ccagagagat ggagcaagat atactgcctg 180
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 gagcatatcc ctgtcgattt cctgtctgaa acggcggaga ttgcgagtcg gctgagagag 300
 gataattcca aagtgtatgt caattatcca taaacttcaa gttgttgccg caactctctc 360
 accatgctca gagactacgt ctttttcttt tcgtacatgc agccagaaca ggaaggtaat 420
 gttctaggca tgtggtcgga tgcggaggcc ctgaccaagg tgaactgtac gaagcctctt 480
 tcctgcgttt tcaaattgcaa aatcgtactg agattacagc tactatgctc aataacttcc 540
 ttggtgctct ccaagaagca aacctgcacc caaaacgctt cctcatccaa acaggcgcaa 600

agcactacgg cttccacatc ggccccctcaa caaaccctac cttcgagaca gaccgtcgag 660
 ttctgcttga gcaaaaacttc tactatcttc aagaagatgc gctggcagca tactgcgccg 720
 gtacaggggt cggctggaat gttgtccgcc cctcctacat cataggcgcc gtgcgcgacg 780
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 agccactcta cttccctggc gactacatag cctgggaccg cgaggtctgc cagagcacgg 900
 ccttgttgaa tgcataatctt gaggaatggg ctgttttgac cccagatgcg gaaaatcagg 960
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 aatg 1024

<210> 26949
 <211> 627
 <212> DNA
 <213> Aspergillus nidulans

<400> 26949
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 tacgtgaccg gtgctcctac taccgaaact gtgaccgtca cctacactga gaatggcggt 120
 acctctacta ctgttgctac ggccactgcc cagcccccg cgactactag tgctgccacc 180
 gaagttatta ctgtcactgt taccgagaac ggtgccacgt cgacgagtgt tgtcaccgcc 240
 actggcactg gcactatcca gacccccacg gctactggcg ctgcctctga gtatgagact 300
 atcacctaca ctgcgactga ggggtactgtg accagtgtcg ttacaaccac cgccacaag 360
 acctctactc gcacccagac tgtctacgca gtgcgtatcc actttcctct tgctgttaaa 420
 atgaagggtgc aatgttgact ataaatctag actccactg gcgcagacgc cgttggctct 480
 ggagctgaca caaccctcac ctccaccacc actgagatct aactgtcac tcctgtcgcc 540
 tctgaaaccg ctgggttagag actctgggtc tggctccagc tccggctctg gctcgggctc 600
 ggggtctgga gactcgagct atgagag 627

<210> 26950
 <211> 210
 <212> DNA
 <213> Aspergillus nidulans

<400> 26950

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tatgagcgat ggccatactc gatcatattc gcgtacaccg tccttcgtcc tcgaagccga 120
aacgttgata cgggctccat cccgcagcct ccgcaggtgc cagctgccaa ctgccaacct 180
ctcgcgtgca cgctagagcg gctaaactag 210

<210> 26951
<211> 760
<212> DNA
<213> Aspergillus nidulans

<400> 26951
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atgaggacga ggatagtagc gccgcagtct cgggtctggg actcattgtg acccgatga 120
tggaatcagt cctaaaaggc cactcaacat gcaaggaaat gcctgatcta aatatcggcg 180
aggatatacg gacgtatacg aatgctctgg taagtatac tgcctcaatc aaccaactaa 240
ccccaatcaa gccaaggctt tttaaagctc ggtaccatct cagctgactt ctggatattg 300
cttttcagca actcgaagcc cgaaaccacc caagcaagaa ctcctcctg gacatcaacc 360
tccttcgca agaactcgag acgatcatag caaatatcgt cgaacagctc aagctcatca 420
ccggcctccg agacgatagc tcaggtaag cggcagatga aggcctgctc ttcattgata 480
ccgagaatat aaacttcgaa ctctattca cctcttcctc gccttctcct tctccttcca 540
cattaaacgg caccgctcg aacaacgaag atatcgcca aatcgacctc ccgtcccag 600
ccatcctcca agcgatccac gccgagctac atgaacaaga agaagttttc acagaattga 660
ttaagcgagc aaacatcctc gagcgccaga tcgtgcagcg cgtcgatatc atccaagaag 720
accacgggaa agcaattcta gttttcacga tcgtctcggt 760

<210> 26952
<211> 258
<212> DNA
<213> Aspergillus nidulans

<400> 26952
atggcagtga aattcagcaa cagccacac tcgggtgcca ggacacgtcc agtccggccc 60
cgcgacacta caaccatcaa ccagaacaat ggccctcaaa ggagcacata cactggagca 120

gacaatgacg gcaacggctt gaaggctgac ccattgtgcc ttcaggtgga tattcccgga 180
agaccatgcc ggacctctat ggtcattagg ttgcccgtga ggaggaagat catgaagtac 240
gcgaatgtgg gatcataa 258

<210> 26953
<211> 281
<212> DNA
<213> Aspergillus nidulans
<400> 26953

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caatgattcc cctaaagggc aaccgacgca aaacgaggca gtcaatgcc gcttgaatt 120
cctcaaagtg cgcggactca gtctggcaag tgagatgcta cacgacgggg tcatcgataa 180
gtctgtcaca ccggggaagt tcaagcgcat tgggacggcc ctgatcatga atgcgagttc 240
catatctcct tccagggatg ccatacccg ctttgccgaa g 281

<210> 26954
<211> 692
<212> DNA
<213> Aspergillus nidulans
<400> 26954

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tcgagtacat tcagtgtcag tgccgaggtt cgtgcgacgc tgttttccaa cttcatggat 120
accttcttcg cttccagttc tagtatcaac ggcaagaatg acagtctgta ttttctgatg 180
gcccgttcc ccaactcttg cgggtgaatca gagccgttgg atcgatctgt tatcgcgctc 240
gcaaccacgt tcctggcgaa aacaaaggat gataggtggc tggggcgtga gggcctggaa 300
atatataaca ctgcgctcaa ttccatgcaa tacgcactgc agcgaggctc ctcgccatct 360
cccaacatgc tctacgcaac aatcatcttt cacacgtacg aagtaagtct ctggaccaag 420
taggcaatac ctagttacca acacaatttc cagaccatga atggtgggga tgcctcctcg 480
cgaaactgtt tcacccacat ccaaggagca gccgctatca tgacacaaac caacttcaaa 540
actcaggacg tagacagtct caccaaagca atgctaacia gacaaaagtg ggctacagta 600
agttgcttgg cctagcttta taaacccatg actaatttta accaggcaca cttcatgatc 660

aataccgagt acggctctaa tgcggaccgg gg 692

<210> 26955
<211> 325
<212> DNA
<213> Aspergillus nidulans

<400> 26955

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tgttgcgtcc cgttctcggg tttccaaaat atatattctt accattgcag gtaccgacgg 180
cgcgacgacg cagaaccgtg ctcaacaggg attcgacatg gtttctatcg tcaactgacgt 240
cggtgttctg ggtagtggga tggtgcggga gcttaatgta gccagtggaa aggctgaggg 300
tggaagcct cgcgacggat attaa 325

<210> 26956
<211> 525
<212> DNA
<213> Aspergillus nidulans

<400> 26956

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ctgtcgattg tcgagcagtt ggagaggagc caggagcaac ggcctaggtc caccgctcct 120
acctacacgc atggcggtt gacagcgacc gaggcgtgcc agcggctgtt gaccatcctc 180
atgtgccctt gttccgatca ggctgaggtg gcgctcctgg tagcatccgg atgcatttcg 240
ctgatggacg tgattcatag ctctgccggg tttgccagt aatcgctagg ccacgatggg 300
tcgggtgctg cttgcaacag cccgcccatt tctctgaac aagatcccct catacgggtca 360
tggtcacaac cgcagtcaat ttcgcgcagc tgcagcttgg ccagcgacag ccgaagtcag 420
gtcggcgatc tctccaagat tgccaagggt attgtgcagt ttacagagag gtactgccag 480
gacgcgaagg gtgcgcttga ggcgcgctgg gagcatacca cttgg 525

<210> 26957
<211> 395
<212> DNA
<213> Aspergillus nidulans

<400> 26957

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cccctagtca gtgaggccac cagcgccctc gcaggaaacc ccgtcttccc cggttggtac 120

gcagaccctg aagcacgcat cttcaacgac cagtactgga ttatcctac ttactcagca 180

gcctacgagg aacaaacctt cttcgacgcg ttctcatcgc cggatctcct gacctggacc 240

aagcatccag ccataccttaa cttctcgggc attccatggc ccaccaaccg ggcagcctgg 300

gcgccatccg tggctcgtcg ccgacgcca ggccccgcaa actctattac cgggtcaggt 360

atcgctgaca ccgatgctga gtatgactac ttcac 395

<210> 26958

<211> 297

<212> DNA

<213> *Aspergillus nidulans*

<400> 26958

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gttctgtttg tgcagatggt gttcagtgtg tgcactatca tcatggactg gctggacgtt 180

ctaagggtcc ttcgcaggcg tagccgaagg cgaagtcaaa atcaaccgca gtggattttc 240

aacgttagtg aaaacagaat gccaatgcca caaaagcctc ctgcggctct agtctga 297

<210> 26959

<211> 228

<212> DNA

<213> *Aspergillus nidulans*

<400> 26959

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acatctgaca gaacctgctc gatccttcat cgtccccctc gcccgatct tgagctggag 120

cacatcctgc agacagcaca gccgctggcc atcggatccg ccctaacggc gctctccagc 180

ttcgtccat tgccagcgat ctgctctgat gtctcagagt tgttctaa 228

<210> 26960

<211> 843

<212> DNA

<213> Aspergillus nidulans

<400> 26960

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agtctccagt ctctcacttt tgagctgtcg cgcgcataca tcaaccacac cagtgcggtg 120
cttggtcagg ataacgcaaa tgtagatata tcggcgatca ccaacaccct cgccgccagt 180
cttcgggaca ctggcggtact cgctgcagcc ggactgggtt ccggcgccga gtctggcgag 240
aagaagaagc gtaaccgcac cttgaccca ttcttctgt acatgcatca caaccgggca 300
cgcatgtctg aagagctggg ccccgatgcg aacgcaaagg atgtctcaa cgaaggtacc 360
agacgctggg ccgaaatgcc cgactcgcaa aaggaggtct ggaagaaact ctatgcggac 420
aatcttgctg cgtaccgcga gaaggttget gcttataagg cgggtcttcc ttttgatcgg 480
gatgacaatg ataaggcagc cgaccaacta cacctagacg tcgccgccgc cgaagcatcg 540
gatgaggagg aggaagaaga agaggatgag catggagagg aagaagagga agaggaggag 600
gagtcgcctg agcctgctaa ggaaccact ccccgccctc ccaagcgctg ccgtagcgag 660
ggtaagccat ccaaggatgt ctctctcct gtcgttgaga agaagggccg aaacgagtcg 720
ccggagaaga agaggcgcg ggcggttaag aaggacaagg aggagccgcg caagtctctt 780
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taa 843

<210> 26961

<211> 489

<212> DNA

<213> Aspergillus nidulans

<400> 26961

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cgctctctac aacttcccgg catactaatt gggaccgaat ccctaactac tgcctccac 120
agctcaccgt cggctgctac ccggaagact accagatcgt acagaatgac ctcttcgacg 180
gcctctattc cctcaaaaat gaccagatca gcaaccttca gcccggtacc tgcgagcgcg 240
ttgtctgcaa cagcaatgcc gccgtttact ggtgcaacga cgtacgttcc cacactgttg 300
ttctcttatt ctggcagatc agaaaagttg accctggtat acttatctgt gcagaatgaa 360

gatagacatg cggaggtcaa atccaagcag gtcggggatg ctgctgtgaa aatcatccat 420
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caagattag 489

<210> 26962
<211> 357
<212> DNA
<213> Aspergillus nidulans
<400> 26962

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gaagaggaag atggaaacgg ggattgggtg aatatgagcc atcgattccg cccagcggg 180
catggtagcg aacttccagg cgcccttgaa cgggagcgaa ggcggcgatc aggaactgga 240
ccgcctaagc cttctcaagc cgccgttcaa gcggcctctt tgcagcaacc ggcgcgggat 300
ccgctcccaa gccaggggt gactgtcaag gtgcaggatt gggatgaggc taggtag 357

<210> 26963
<211> 459
<212> DNA
<213> Aspergillus nidulans
<400> 26963

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gtctcacctc caaccacctc tccagctacc cccctcttcg cttttgacct ctectgcacc 120
gacctctcca ctttcaacga cgccataatg ccgctcctca acctgactcc cccaagcgga 180
acccccgagg ccatgatccc gctcgtagac cagcgtctct cagctattgg ctctttcgta 240
tcaagctacc aaaccatgat gaatactttc aatatgaaca actgtgtcgg tagcgaatat 300
gcaggccttc aagttcgcca gacagatccg cttgacaccc tcgtgcaggc catctgtgct 360
attctcgagg gaactgatac gagcggattg ccgcaacagg ttatcgattt gatcgaccag 420
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<210> 26964
<211> 357
<212> DNA

<213> Aspergillus nidulans

<400> 26964

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agtccttgtcg gcttttgtga aggcgcgagt accatgagcg gaccgatttc acattccggc 120
gtcaatcggg cgctcgccaag tgggcggccg acgagctccg ttgggagtcc caggcagagc 180
cgtgcgaatc ccccggttc ttattcacca cacctgggat ctgctactcc agagcctgct 240
caggatgccc gtatggttga cggaatgacc tacgatgctg atgtggtcga caccaccgcg 300
cggactccga ggctcgctac tccgggcttc gagagcgctt ccagcgagca tcattaa 357

<210> 26965

<211> 1818

<212> DNA

<213> Aspergillus nidulans

<400> 26965

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agtgaagggg cagaagctag gatgactgag gaggagaatg acgggaagaa agagacggag 180
aagagaacgg aaagctcacc ggacgtgcca aaaaactctg aagatgaagt gaaagaggac 240
cggagagtaa atctcggggg aagatactat aatttccagg gctttatgaa tcgaactgtg 300
ggggacgact gggattatac gattgaagtc tgcacgccc ggcccaacct tctggaagag 360
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aggcctctga tggccgaatc tccggaaaaa attggtgaaa accgcaagtt gcaccgggtg 480
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 ccaaattacg agcgattcct atcaaaccgt gctcggcagg gaacagcatt ccgagcgctc 1200
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<210> 26966
 <211> 513
 <212> DNA
 <213> Aspergillus nidulans

 <223> unsure at all n locations
 <400> 26966

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 attcttcaaa cacaactctc ataaagttat atcggttgct gacatatgtg tagtgcgccg 180
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 cgttctcgaa gctgcctgtg aaagtacgag actgggtatg ccgtcctcat tccaagcccc 300
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 gccagatcct cctcatgccc ggcgcggaatt cagccttcgc catcaacggc aacgtcgcct 420

tctttggcac aaccggcagc aacgtcgatg tgatgatcca cgagtccgcy cacgggtctgg 480
acggattcgc agcgtttggt gagaatttaa gct 513

<210> 26967
<211> 347
<212> DNA
<213> Aspergillus nidulans

<400> 26967

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gacgcttgag agaaggatatg tccagtctga accctgtcgg cgttgctgat agacggagta 180
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ctggctgagt gtttgcggtg cattgttgat cagaccagtc ggtgcttggt tgtggatgag 300
attcttgagg tgatgggctt agagggcaaa ttaccctcgc agccacg 347

<210> 26968
<211> 530
<212> DNA
<213> Aspergillus nidulans

<400> 26968

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ccctcaatct atatcctcaa actcatcgc agacttgagt acatttggca tggccctgaa 180
atactgcgcc aggcacaggt aggtctctgc tttaccccg accagcagcg tagaggctaa 240
gcgcagtgtt aggtaaaaaa tacgccatat gccataccta caccggaagc gtatcaagtg 300
catttctcgt ctgcaacgca catcaagcag ctgatccagg caccagatac gcatttatca 360
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ttacatccac taacagcagc cagatgtttc agccacaca caccatggac ggactcgcag 480
ttgacgattg catgagcgcc aacggcacca ttcaccagcg cgccctttaa 530

<210> 26969
<211> 351

<212> DNA
 <213> Aspergillus nidulans
 <400> 26969
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 cccgctgctc ctatccacca tacttacttc tgctacaacc atgcgttact attcacagag 180
 ctttgggact gcttgttggg tcacggcgcc caaaaacctc cggacgacgc aatgataaac 240
 accttcgacg aacgtgtgga atcattacgc tggcaagtgc cctcattttt gcagtggaaat 300
 ccagctacgg tcctatcttg cacactcaga ttaatgcctt ccaacattta g 351

<210> 26970
 <211> 295
 <212> DNA
 <213> Aspergillus nidulans
 <400> 26970
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 tcgcagctaa aaaccgtatg ttgcatttct ttttaaagcc ctcttatttt cattgattta 120
 ccatccggtg cgaagtccgg tgcctaatat gagtatgtag aatgaagctg caaaggacat 180
 ccagtgcgtt gtatgccggg ccacatttct caagaccacc aggggtccgg cgctcactga 240
 gcatgcggcg aacaagcaca acaagacact gcaagattgt ttccaggctt tgtag 295

<210> 26971
 <211> 282
 <212> DNA
 <213> Aspergillus nidulans
 <400> 26971
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 gtcgaacaaa cttccgagtc agaggatcct ggaaacgaaa cccgcactgc ttgctatacc 120
 aatggacacg accatggcga agaagagctc acccctgttc cacaaaagaa ggcaccgtgc 180
 aagagcctcg ggcacacgta tgacattccg gacgcccaaa gcaccagctc cccggaaatc 240
 gggaggggga aggacagcgg tatcccacag atacaatctt ag 282

<210> 26972
 <211> 258
 <212> DNA
 <213> Aspergillus nidulans

<400> 26972

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 gggattgtta tgcaggcctt tcgtaacgcg attttggcta ttctgcagac cccgtctgag 180
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<210> 26973
 <211> 288
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 26973

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 gctgggcaga cggagaacgt catctctgat aaagcagaga tcgggatcga ctttcgctcc 240
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<210> 26974
 <211> 1380
 <212> DNA
 <213> Aspergillus nidulans

<400> 26974

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 aacatttccg agggcaccag cgcaattcct ggcaacgagc tcgggattta tgcgtttggt 180
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gctccacga cgctggataa tgccggacct gagtctacgc ttgacttggc aatgtcatac 360
 ccgattatct ggcctcagaa tcccattatc tttcagacgg acgatcctat ttgggcggac 420
 atcaataacc ccaaatttcc aggcattctt aataacttcc ttgacgccat cgacgggtca 480
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 aagctgggcc ttcaaggagt ttctgttggt gctgctctg gaaacaacgg cgtggcgact 720
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<210> 26975
 <211> 324
 <212> DNA
 <213> Aspergillus nidulans

<400> 26975

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 ggtttgcaac agcccgcgcc agtggtatac gcgcccagc attccattcc ggaaacacca 180
 gctagccttg acaccaagaa cgcccctgcc gaaacacctg ctacttcagc tcctctggct 240
 tcaagtggcg gggccacaca gggctcttggg gggcccggtg gcactacgat gccttcagtt 300

caacaacctg atgggacagt ctaa

324

<210> 26976
<211> 411
<212> DNA
<213> Aspergillus nidulans

<400> 26976

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gatttacaga ctattcctcc ttttccagat cttcctacca tgtctatacc gaccttgact 180
ctcccaacca gtatatctct t ccttccctc ccaagcattg cgattcctac gcttccctacc 240
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actcttatgg ctgccgcacc taccgctggg ccagatagca acaccacgca ggtgcttaat 360
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<210> 26977
<211> 252
<212> DNA
<213> Aspergillus nidulans

<400> 26977

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gcagacgcca ctgaaactcc taaatacgga cgttcgaaga ttcttggaga gggatgatac 180
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ggtttggagt ag 252

<210> 26978
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<212> DNA
<213> Aspergillus nidulans

<400> 26978

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<210> 26979
<211> 249
<212> DNA
<213> Aspergillus nidulans

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gccggtacac gccagtttgt ccctcaggga aataagcggg ctagggagga tggcgtgat 180
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ggatcttga 249

<210> 26980
<211> 430
<212> DNA
<213> Aspergillus nidulans

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<210> 26981
 <211> 330
 <212> DNA
 <213> Aspergillus nidulans

<400> 26981

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 gcctggggcg gcggtcttg cgacgggtccc agcgatgacc aacccccata tgactacggc 180
 gacgtgggat acgactgttc cggccttgtc tgctgggcag tgtgccaggc aaccggccgt 240
 gacctcttca cggagggcct ccgcgtcagc tcttccatgt actgcgccag cgaggagaca 300
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<210> 26982
 <211> 216
 <212> DNA
 <213> Aspergillus nidulans

<400> 26982

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 atgcagagag cctacgaagt acgtaggcca gatatttcgc cccgtcccgt cccgcttgac 180
 gtaagcgggt ccaacattac aaagtcattt gtgtga 216

<210> 26983
 <211> 315
 <212> DNA
 <213> Aspergillus nidulans

<400> 26983

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 ctgcccggta tgccagcctg gccagggacg ccgtcgcagc gccgccgcag cgccgccgca 180
 gcgtcgacgc gacctttcag agaacctcac ctccaacatc gtaccagggc tcatattccc 240
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 catttgctga tataa 315

<210> 26984
 <211> 290
 <212> DNA
 <213> Aspergillus nidulans

<400> 26984

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 atcgcacatc tttaagaacg atatctaata ttatgcttag gcactatgtc tctgtccatt 180
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<210> 26985
 <211> 363
 <212> DNA
 <213> Aspergillus nidulans

<400> 26985

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 cggcgtgagg tcgaggaaaa cgagaaacgg aaggagttaa ggaggagaaa caagtttaaa 180
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 cgcgtgtctg ataggtcttc ttctcagtct cggcctcaat ctctgatgc caaggtctcc 300
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<210> 26986
 <211> 324
 <212> DNA

<213> Aspergillus nidulans

<400> 26986

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ccttggtcca cccaggtgga tgggtgatttc ctgctcgacg ggccgactga gtcactcgac 180
aagcaacatt tcgtccttgt gcccatcatg tacacgacca cttcggacga tgccacggcc 240
ttcagtttcg tcgattccgt gataccgatg ctgactttcg gaatttcacg ggagctggcg 300
ggcctgacga ggcgatttcg gtga 324

<210> 26987

<211> 213

<212> DNA

<213> Aspergillus nidulans

<400> 26987

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ctagaacccc tccccttaag cttccccctc tccattttgc aacctatgcg tattgttgag 180
gaaatgggac tggatccctt tagtgagggt taa 213

<210> 26988

<211> 281

<212> DNA

<213> Aspergillus nidulans

<400> 26988

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gcctcacttc ggaaaccatc cctgatgatg ttgacgcaac ggatctttcg ggcgcggtta 180
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<210> 26989

<211> 240

<212> DNA

<213> Aspergillus nidulans

<400> 26989

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cgggaggaag tatactatgt ggctgctaata gctcttgaga tgccagccca attggaagaa 180
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<210> 26990

<211> 300

<212> DNA

<213> Aspergillus nidulans

<400> 26990

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gccgcctcc gcctggagga ggatatggaa actgtcgctc cgactgtaac tggcaacacg 180
taccgggcta ctaccaacat atttgccctg cccgacgata ttattcgggc ttcagattct 240
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<210> 26991

<211> 207

<212> DNA

<213> Aspergillus nidulans

<400> 26991

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gcgatgctgg agcagactgg ctttgatgtc gatgaggaga agagagcgga ggctgttgcc 180
gtgcatgagg agtcccagcc gaaatga 207

<210> 26992

<211> 430

<212> DNA

<213> Aspergillus nidulans

<400> 26992

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<210> 26993
<211> 356
<212> DNA
<213> Aspergillus nidulans

<400> 26993
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gttttatatg ggatgaaagc gacttcagcc acagtgtgta ggagatcacc tttaatatg 240
agggggagga atccgtgcct gtgcttcgtg cttttttgaa gaatgaggac ggggagctgg 300
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<210> 26994
<211> 229
<212> DNA
<213> Aspergillus nidulans

<400> 26994
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attgatcttg tacagcatcc gctggtagta tggatcgtct tcacggtgga gattatagcc 180
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<210> 26995

<211> 351
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 26995
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<210> 26996
 <211> 470
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 26996
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 gataaagagg aggaagagaa tgcccgcgcg cgcaaaggca aagccccggc cacctctgcc 180
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 gctggtttcc aggggtttgg tggagaggaa gaggaggaag gagagggagg aggagatgaa 420
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<210> 26997
 <211> 438
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 26997
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 aagatctcct tcgatcctaa gcccatcaag ggtgactgga acggtgccgg tctgcacact 120

aacgtctcaa cgacgtcaac acgtgccgag ggtggcatca aggccattga gtcgtacatg 180
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cgtgggtggct ccatccgaat tccccggcaa gtcgccaagg atggtaaggg ttacttcgaa 360
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<210> 26998
<211> 586
<212> DNA
<213> Aspergillus nidulans
<400> 26998

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<213> Aspergillus nidulans
<400> 26999

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 <400> 27002

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<210> 27003

<211> 366
 <212> DNA
 <213> Aspergillus nidulans

<400> 27003

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 <212> DNA
 <213> Aspergillus nidulans

<400> 27004

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<210> 27005
<211> 517
<212> DNA
<213> Aspergillus nidulans
<400> 27005

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<210> 27006
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 <212> DNA
 <213> Aspergillus nidulans

<400> 27006

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<210> 27007
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 <212> DNA
 <213> Aspergillus nidulans

<400> 27007

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gtgcatatgc tttgggggtcc gaattccaag ctggcagcac aatcactcac tcggcagttt 480
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<210> 27008
<211> 931
<212> DNA
<213> Aspergillus nidulans

<400> 27008

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<210> 27009
<211> 387
<212> DNA

<213> Aspergillus nidulans

<400> 27009

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<210> 27010

<211> 584

<212> DNA

<213> Aspergillus nidulans

<400> 27010

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gactttgcgt tggccctctt cccggttggt ctcttcgcta gaatccgtgc aatttcgatc 540
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<211> 945

<212> DNA

<213> Aspergillus nidulans

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<210> 27012
 <211> 519
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27012

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<210> 27013
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 <212> DNA
 <213> Aspergillus nidulans
 <400> 27013

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<210> 27015
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 <212> DNA
 <213> Aspergillus nidulans

<400> 27015

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atgaagctca attggattcc atttggtcac ggatgccggt cttgccctgg atcaaattctt 180

gctctcactg agctgaagta catccttgga acactcttca gacgtttccg ggttcagttg 240

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<210> 27016

<211> 444

<212> DNA

<213> *Aspergillus nidulans*

<400> 27016

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<210> 27017

<211> 243

<212> DNA

<213> *Aspergillus nidulans*

<400> 27017

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243

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<212> DNA
<213> *Aspergillus nidulans*

<400> 27018

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<213> *Aspergillus nidulans*

<400> 27019

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<210> 27020
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 <212> DNA
 <213> Aspergillus nidulans
 <400> 27020

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 <400> 27021

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<210> 27022
<211> 396
<212> DNA
<213> Aspergillus nidulans

<400> 27022

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<210> 27023
<211> 896
<212> DNA
<213> Aspergillus nidulans

<400> 27023

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<210> 27024
<211> 268
<212> DNA
<213> Aspergillus nidulans

<400> 27024

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<210> 27025
<211> 656
<212> DNA
<213> Aspergillus nidulans

<400> 27025

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<210> 27026
<211> 887
<212> DNA
<213> Aspergillus nidulans
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gtacgacgat gacggcgacc tgataacttcg tgagtacgtc gcactcaccg acaacttgca 780
cttcttcaact cccgacacaa acccatcaat catcatcggt tcgctgtag acgaaaatga 840
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<210> 27027
<211> 229
<212> DNA
<213> Aspergillus nidulans
<400> 27027

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gcacccaaaa ggcgcgcttc cgcaagagtt gctggagcct cagctgcagc gctaaagaaa 120
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<210> 27028
 <211> 381
 <212> DNA
 <213> Aspergillus nidulans

<400> 27028

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 atctgcaaac ccaactgacaa tacgcttgac ctggttcaca atggcctcca tctgcacccc 180
 tggtcgcccc agtcagcacg acggcatacg gaacgcggaa gaattcaaca taccaccctt 240
 ctgatcggca tcgtctccat acatcccgat ccagtccag caggaaaggg tattcgcttc 300
 caaatcgccg ccccgatgg tgtgcgacga tttatcgacg gccgtctgcg ggtagaggac 360
 gatgatgtcg ttcgtatcta a 381

<210> 27029
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 <212> DNA
 <213> Aspergillus nidulans

<400> 27029

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 gtcatttgct ccggatcgct ggccaagaca accgactcgc tcgacaggct tgcccaggcg 180
 cttgggagag tcgatgtcgc gattgttggc cgacggattg gcatgaagag ccatacgctt 240
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 acagttggcg gtgggtcggt acggacggtg cgaaagtga 339

<210> 27030
 <211> 264
 <212> DNA
 <213> Aspergillus nidulans

<400> 27030

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tgcacattca tttcaccagc aaacacacaa gtagctgttg atatcgtggt accggagaca 120

aaaaccgttg caaaagcttt ggctgctttc attaccattg ctggacacga agcacaaagt 180

gcaacgccgg gactgggtgt cccccccaga gaacaatcgg acagcttcac aactctttgg 240

gtcaagttct gccacaagtc atga 264

<210> 27031

<211> 751

<212> DNA

<213> *Aspergillus nidulans*

<400> 27031

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ggtactagtt cggagagggc atcgaggggt acgtccggtg acataggaaa gctttttacg 120

gatacgcagg agtacgtgga ggagattagg gacatcccta cattaatgta cgcgatcaga 180

gtcgcaatcg tggatcggga aaagctcaat gctgtgagaa agtttggtga cgaaggagta 240

gaagagctct actatctaga gggaaaagta agtgccctcc ccaccatatg taccactaca 300

ctaacatctt ccctagatcc ctgagataat gaccgattc gtctacagaa cctctcgctg 360

gcagtttctc acgtatctga acgaaacaat gcaatcccta gatcaacaac aaaaagagct 420

cgaaacaacg ggccaaacac agccagattt agaaagcaat atccaaaatc tccggcgcaa 480

acaagaatac ctctcccggt ccatctccac agctgagcgc catcttatcg ggcccacggt 540

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tgagctgctg gatctcacag cgggaaatag gaggaatagc cttatatcga gagtttcaag 660

caggtttacg ttcaagccga tggacaacgg gggtcgtatt aagggaatcc ccaaggaggc 720

agagattggg catgattttc atatctattg a 751

<210> 27032

<211> 493

<212> DNA

<213> *Aspergillus nidulans*

<400> 27032

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cttccccgga ccagacggc gcagcagggt tgggtttctt ttctttcttc tctttctgtg 180
cgcggttagg gtcgcgatcc cggtttcgat ctcggtcgcg gtctcggtcg cggtatcggt 240
cgcggtatcg gtcgcgttct cgatagtcgc ctctgtatct atcatggcct tgatcacgat 300
cccgtcgcg atcctgggtct cggtcatacg gccgacgagg agagcgattt cggtacccac 360
gatctagtcg tacgtcgctt tcattctggc tatccttggt tgaacgcttg tctttccagc 420
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caacgcggcc agg 493

<210> 27033
<211> 354
<212> DNA
<213> Aspergillus nidulans
<400> 27033

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tgtgattcat tgactggccg acctgtactg acatcaacgt gaacagcctt ccagattttc 180
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cgcaacatgt cccttggcac cctgataatc ctcgcgagct actacctgac ataccagcag 300
accggcctag cgctggcact tatcgccacc ggatccggct ggtcggattc ggag 354

<210> 27034
<211> 445
<212> DNA
<213> Aspergillus nidulans
<400> 27034

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gaagcctggc agcgtgactt ggactttgcc agtggcgaat tacgccgcaa tgttgtctgg 180
cgtaccagca acggctcagg ttacaccatc gccagcgcgc gctttgtttc ggcagaccaa 240

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 atttcaacag gcattgacgc caccgaaacc aatcacgggc gccaacatct cgacgaaacc 360
 cagggtgctgg tgttttgtca gcatctgatg caggggagct acaccacca ggatggacgc 420
 agtgatgtgg ccatcagctg ttgct 445

<210> 27035
 <211> 875
 <212> DNA
 <213> Aspergillus nidulans

<400> 27035

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 gggacagtct gcggcgatgg cgccgtctgc tgtccaacag actccgggtg cgctgcgccc 180
 atcgaggcta accctcactg cgcgacaatt gccacctggg atctgtacca gctcgacggg 240
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 gtcgggctaa tatgtggttt cgaaacatag gaaatgaaac agacaccgat tcctcatcgt 480
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 catcagagac caacctaaac tccgactcct ctctctcgtc cacaacgca ggcgcaattg 600
 ccggcggtgt cgtcggaggt gttgccggat tagccctaatt tgtcgcgctt atctgggtccc 660
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<210> 27036
 <211> 249
 <212> DNA
 <213> Aspergillus nidulans

<400> 27036

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ggctctgattt tcagtacgct ctctctgatg ctgcgagtgt acaccaaagc tgcactgctg 180
cgcaagttcg gatgggacga tagtgagctg cccggcgccc gtgtttcttt cctcttctct 240
acttgctaa 249

<210> 27037
<211> 244
<212> DNA
<213> Aspergillus nidulans

<400> 27037

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cgttccatgc aactgctggc gcgtcagggc atcgacctgc ctgtcacggc cattgcgcat 120
tcgccgatg ataccagcga tttaatcgac atggctcggg gtgcgccgct ggtggtcaag 180
ttggttgag gcacgcaggg aattggcgtc gtgctggcgg agacgcgtca ggcggcggag 240
aagc 244

<210> 27038
<211> 314
<212> DNA
<213> Aspergillus nidulans

<400> 27038

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ggcagtgaga aggacgagtt tacggccgct gagatagcag agcacactgg agctgaccct 120
gttcttgtgg gtatgaattt gtttttttct tccagtacaa atagtggctg atagtctgct 180
acagaacgcc taatgcgccc tttgatcctg gctcgtctct tcagccctac ctcaaacaat 240
acttacaagg cgcaccaaag tgcccacgac ctacgcgccg gtgcatatgt gagggacatg 300
ctcattttca ctca 314

<210> 27039
<211> 606
<212> DNA
<213> Aspergillus nidulans

<400> 27039

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gggctgactg tcgtcagcga gatccagttc tcctggggtg gtgtagcggg gcagcttggt 180

agtttggttt gtgatgctct caggctgggtg cttatgcagg ttctcacttc cacctcttcc 240

tctttgtcct cgctacatt ggagacgcat aatgcagaaa cgggcgaaga gcccggtcca 300

ctcggcaccg atacactgca tgaaacgagc tccaaagacg aggaagaggc atcgacaagc 360

gaaaacacag cccggggaca gagccagagc ctgagactca ccaatatgga tcccctcctg 420

agcctttact acacagcccc catttgcgcc gtgatgaacg gcactcttggc gtggaggacg 480

gaaatcctcc cactcctgct ggaccaaatt gaccccaact cgtcgtctgc ctgagaggca 540

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gcagtg 606

<210> 27040

<211> 228

<212> DNA

<213> Aspergillus nidulans

<400> 27040

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gccggcgctg gagcccagac ggcttgcttc aactacgtct gcactcgctc aaccctcttc 120

ctcaaaccag ggttcgtccg gcaagcagcc ggagagtgtt aagctagcta ctggggacaa 180

tcgtaagctt gactctgcct caaacgagct tttcaaaagt gccgaatg 228

<210> 27041

<211> 239

<212> DNA

<213> Aspergillus nidulans

<400> 27041

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gcagcagcag cttgcagtgc agttccaagt ttgggaatag caagatccgt ccgtgcacta 120

gctctaagga gttcgacagc tcccacctcc ccttcggcag cggcacttac gaggggatat 180

ccactggggtt cattataaat gaacgaatcc gggctctgcac caagtctgag gagaagtga 239

<210> 27042
 <211> 450
 <212> DNA
 <213> Aspergillus nidulans
 <400> 27042

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 tgtccgatct cgtcacagag ttaccgtgt gtatcctagt acgggtacgc gctgccgat 180
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 cacgcgagca tggtcgagtt tgaaatcgac gtcttgggtg gccgtcagca gcaaccgcca 360
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<210> 27043
 <211> 385
 <212> DNA
 <213> Aspergillus nidulans
 <400> 27043

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 tgacagcgaa gacgatgaag atgctaaaga agaagaaga gaagaagaag aagaagaaga 180
 agaagaaga gatgacgagt ctgaagatga agaagaaaag accgcgaagc ccaaacgccg 240
 cgtccagttt gcgaacgcca aggtcgcaga cacatcagac gaccgcgcc aacttcgtca 300
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 acgcaacaaa aggtcgtgcc gttaa 385

<210> 27044
 <211> 449
 <212> DNA
 <213> Aspergillus nidulans

<400> 27044

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aagcgttttg gccatatcct attcctgaat caatccgatg gcaagagatt tctgggtcat 180

catggagaag aacggcgagc cgggaggcgg cgtcccttat ccaagctgaa cttactcgga 240

tctcaggtac tctgcaaacc gagccaccgc aaaccggacg aattcgacct tcgagccctg 300

gaaaacgagg tgcaggagcg aaccaaccct tcccgcataa tcgaagagga aggggggtca 360

gtttcgttta tattgtcaac ggctagctgt gggtagactg tgtttgtgga caatgagttc 420

tcctacgtgc cagaggtgga actccaaca 449

<210> 27045

<211> 348

<212> DNA

<213> *Aspergillus nidulans*

<400> 27045

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gactgcgtgt gtattgacca ggagaacgaa gcggagaagt cggccgag 348

<210> 27046

<211> 212

<212> DNA

<213> *Aspergillus nidulans*

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cggttcatca tctcggacaa gtccgtctcc ggtgccgggc ctcagaaggg agagtcaggc 180

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<210> 27047
 <211> 466
 <212> DNA
 <213> Aspergillus nidulans

<400> 27047

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<210> 27048
 <211> 694
 <212> DNA
 <213> Aspergillus nidulans

<400> 27048

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694

<210> 27049
<211> 291
<212> DNA
<213> Aspergillus nidulans

<400> 27049

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<210> 27050
<211> 322
<212> DNA
<213> Aspergillus nidulans

<400> 27050

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cggctctcgtc tggacctagt gcaagtgttc gtaactgtaa ttttaagaat attcagggca 240
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<210> 27051
<211> 440
<212> DNA
<213> Aspergillus nidulans

<400> 27051

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tcaatatttg aggaagaaga gaaaccaact aaccctgcag gacatgggtc gacgacacat 180

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<210> 27052
<211> 522
<212> DNA
<213> Aspergillus nidulans

<400> 27052

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<210> 27053
<211> 617
<212> DNA
<213> Aspergillus nidulans

<400> 27053

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tgagatgaa caatacaagg agagatagtt cgccgtatct ccaggctggg acgccaggaa 180
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<210> 27054
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 <212> DNA
 <213> Aspergillus nidulans
 <400> 27054

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<400> 27055

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 ccagatgttt tgcagcaatt caacaaggac ctggacgcca taggcaaaat ggttccgaca 180
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 <213> Aspergillus nidulans

<400> 27056

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<210> 27057
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 <213> Aspergillus nidulans

<400> 27057

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 gctagcgcca ccatcagcag cgtcgccagg aaggccacca ccggtgccag cggacagggt 180
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<210> 27058
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 <212> DNA
 <213> Aspergillus nidulans

 <400> 27058

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 aacaacctaa actatacttc caccgcgagca ttgatcttt tagcccatcc cgtcgtgaga 180
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<210> 27059
 <211> 398
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 <213> Aspergillus nidulans

 <400> 27059

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 ggcagggatc acctacgaga ccatcgaccc atcacagacg cccgcaccgg caacttcaca 180
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<210> 27060
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 <212> DNA
 <213> Aspergillus nidulans

 <400> 27060

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<210> 27061
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<210> 27062
 <211> 240
 <212> DNA
 <213> Aspergillus nidulans

<400> 27062
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 ttcatcatgc agacgaaacg cattgattct cttctggata agctgcacag tatcaccatt 180
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<210> 27063
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 <212> DNA
 <213> Aspergillus nidulans

<400> 27063

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ctaaatgcct cggaagtgtc attcagagtt ctgcctgca caatagagga gaatcgggac 240

ccatcttccg tctctccgct tgctactcgt gagctggaag aacaaagtcc atcaggctct 300

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<210> 27064

<211> 231

<212> DNA

<213> *Aspergillus nidulans*

<400> 27064

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gtcaaggtca cggatggctt cgatgcaagt ttgtgccc aa gtgttgccac gctgcgaaag 180

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<210> 27065

<211> 523

<212> DNA

<213> *Aspergillus nidulans*

<400> 27065

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ggcattgctg cttgggagaa ccgaagacgc aggaacaaca gcaaggcaga gaaagcgagg 120

aaagcgctca aatgagccta acattgctgg cgaagaggag actagcggaa agcgacggag 180

acacagtggg ggaaccaatg tggaactgga ggaagatgac atacttatgg atgatatgga 240

gatgccatcg cgagcctctt ccggtgagta ctcgtcta at gatgccgatg ccatcgacaa 300

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<210> 27066
<211> 666
<212> DNA
<213> Aspergillus nidulans

<400> 27066

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<210> 27067
<211> 354
<212> DNA
<213> Aspergillus nidulans

<400> 27067

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gagcaggcta ctgcgaacgg gaataacgta cacctgtggg aggagagctg ggatgatgat 300

gacgccgccg aggactttctc caagcagtta agacgtcact tatctactac ctga 354

<210> 27068
 <211> 249
 <212> DNA
 <213> Aspergillus nidulans

<400> 27068

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<210> 27069
 <211> 1851
 <212> DNA
 <213> Aspergillus nidulans

<400> 27069

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 ggtagcctc actccacaca acgcgaatct cccgagattc ccgtcaagag ggctcgcgag 240
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<213> Aspergillus nidulans
<400> 27070

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 <212> DNA
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<210> 27072
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 <213> Aspergillus nidulans

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<210> 27073
 <211> 234
 <212> DNA
 <213> Aspergillus nidulans

<400> 27073

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<210> 27074
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 <213> Aspergillus nidulans

<400> 27074

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670

<210> 27075
<211> 774
<212> DNA
<213> Aspergillus nidulans

<400> 27075

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<210> 27076
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<212> DNA
<213> Aspergillus nidulans

<400> 27076

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<210> 27077
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<212> DNA
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<210> 27078
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<213> Aspergillus nidulans
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<210> 27080
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<400> 27080

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 cagactgggt gttcctggta gcgaggaggc ggttgtcaag agcaccactg gcgagtacaa 480
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<210> 27081
 <211> 335
 <212> DNA
 <213> Aspergillus nidulans

<400> 27081

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 gcacaggcgg tggatttgggt ggctttggct ctacgagcac gagtgggttt ggtagctcga 180
 acaccggcac cagtctgttt ggaagcaagc ctgcaggagg agggtttggc agcacaactg 240
 gaactggaac cggaactgga ttcgggtactg gaactggctt cggcagcagc agtggctcag 300

gctttggtgg agcaggaact gctttccagc agggg

335

<210> 27082
<211> 501
<212> DNA
<213> Aspergillus nidulans

<400> 27082

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cttgattact actactatcc atgggttggc tcgtatgttt cactctccgc cttgcaaadc 180
cctctaaca aacagttact acaacggcac ggcaacattc acaatctcag gcctgtccat 240
ccgggtcaagg tctacgatg aagatgaaga ccaagagctt tgtaccagc tacagaacta 300
cacgtacaca ctctcctatc cagctctgct ggcaatcaca gagacggagc ctgaagatga 360
acggccggaa aacacaaaacc cagtaaagt gattttgtca acctcataca gcaatttcac 420
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ctttgaaagc atagatgttt c 501

<210> 27083
<211> 656
<212> DNA
<213> Aspergillus nidulans

<400> 27083

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acaacccgta tacttcaggc agccgtgcac ccgtataccc gtacagcctg ctaatgctat 180
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gacgagtatc gagggcagta tcatctgcat ccgtatgggg agatcaattg cgtggtgcag 480
gtcgatcgca cagctgagtt gaaggggatg aatgggtggc aggcggccgg gtggacctcg 540

ccggcggcag gaacgcacca ctatcccgaa gtgagaggag gtgcactcgt tgcgctgttc 600
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<210> 27084
 <211> 939
 <212> DNA
 <213> Aspergillus nidulans
 <400> 27084

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 ggccggagctt cgcagaggac ggtatggcgc agctgttctg ggtcagagcg gtacgtcaag 180
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 cgctgtgat cgaatggatg ttcacatgc agacaataaa tataaagcac ttcttctctt 660
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 tccggggccc atatatcccc ggtggcgcca ttcagcgcac agcaacatac ctggccatgt 780
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 gggtcgatgg ggcgagtatg ggatattctt atttctatg 939

<210> 27085
 <211> 246
 <212> DNA
 <213> Aspergillus nidulans
 <400> 27085

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gatggctata cccagctgcc aacacacaaa gcttctgacg ctaattggac tgctccaagc 180
cgccgcgagg aggaggatac cttctgtgcc cgcaagttgc tggaacccat gactgttggg 240
cgctag 246

<210> 27086
<211> 760
<212> DNA
<213> *Aspergillus nidulans*

<400> 27086

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aggatcggac tctcaagaca gtcacctgga attgcaggct tacctttgac tcgtccgcga 180
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<210> 27087
<211> 249
<212> DNA
<213> *Aspergillus nidulans*

<400> 27087

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aaggctcagag tcctcgtcat tgaggcgggc agcaacagcg tcagagatcc tcgtatttca 180
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<210> 27088
 <211> 800
 <212> DNA
 <213> Aspergillus nidulans

<400> 27088

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 gccgattaca tcaccgacaa cggcggcccc atgtacctgg actataatat caccgggcct 180
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 atcaatattg ccaatggctc tacggcatat atcgaggaca gcaacattac agtccacaat 420
 ggagcagcca acatctttgc ctacggtact ggaacagtcg tttatgttag caacaccgat 480
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<210> 27089
 <211> 283
 <212> DNA
 <213> Aspergillus nidulans

<400> 27089

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cagggttttga acttggacag cctcttgatg agagttggta tggcatcgac cctgatccgg 180
 atcagtcttt gagctatttg atctgggagc actctcggtg ggatggctgg caaggcactc 240
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<210> 27090
 <211> 1487
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27090

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 ctcgcctcgc tgatccgcta cctcctctat accaacgaga ttgacacca tggataatc 180
 tactcatcaa gtcgatacca ttggtcgggc gatgggaacg ggactagggtt cttcctgcca 240
 gaccgcgagt acgagacaac gcagtggaca tggcgatgga caggcacgcg gacagtgcag 300
 gataticgtgc tcaaagcgta tgcagaggtg tggccgaacc tgaatattca tgatccgttc 360
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 gcgcccact ggccagccct gcgcgtcgag gacttttagcg ccgcatactc actctgggct 720
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<210> 27091
<211> 576
<212> DNA
<213> Aspergillus nidulans

<400> 27091
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cacggacggg aagttgcaa tgcagcgatg aatgaagcga acgacaacgg ggatgagcag 180
catgtatccg gcatcgaagc agaagatgag gaaaacgtaa gtcagtaacc atatgcgcta 240
ctgtacaaac acaaagcgga gttaacgaat aatttccaga acaccaacgc ctcgccagtg 300
tcgatgacca aaaaagaaac ccctaaactc ggctagcgca ctggcatgcg cgcctcctcc 360
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caccgaagg agcaccagcc cgagcaactg ttcccccat tcaaccagtc ttgcaacagc 480
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<210> 27092
<211> 240
<212> DNA
<213> Aspergillus nidulans

<400> 27092
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ttcgttgcgg gcaggtttct atcgcgga ttccttgtgc gcaacgcgct tggagtagat 180
gactggatga tgcttgttgc ctatgttggt gccagtgtg gctttggacg tacatcgtga 240

<210> 27093
 <211> 458
 <212> DNA
 <213> Aspergillus nidulans

<400> 27093

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 cctgtgttaa tagatccaag atcccctgca ctgtccacgg cccttcccag actccacacc 180
 ttgaccacga actccagcag ccctacgcac aggatataat acacactttg actgccgctc 240
 tcaacgacct cacagatgag aataagtgtg cgaaatgcac gggttgagaag ttttctgttc 300
 ttctaaccgg ccatgtgccc gagatccgag acgcgaagaa gaatgggcag tggtcgaagg 360
 aggaaaggaa ggcaatgaaa gctgaagtga agagcaccta caaaccagta aagaaagctg 420
 taaaggctct gtggaaagag aggaagcaag agaaatag 458

<210> 27094
 <211> 431
 <212> DNA
 <213> Aspergillus nidulans

<400> 27094

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 gctgcatcaa gtaagactgc cgccggagct gttctacatc aattaggcag gaatagagct 120
 tggctaattt acattctcca gaattaaaga ccggtcaact cgtcaaagat gaacacttta 180
 cgcttttcga ggccgtgggt gcgctggaag taggtgcagt catcttagct gctgcgcatg 240
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 cccaaaatgg acagtggata cctcggtccc gaagagaaag gacagggatt ggaggatgac 360
 tacaatatct tgcgcgagct taccgccgag gaagtagtat ggattctgga tggaaacgct 420
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<210> 27095
 <211> 297
 <212> DNA
 <213> Aspergillus nidulans

<400> 27095

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gagcccgctc ggatcccaat tcgtccacca tgggttggtg ctatcagcat cccactgtgg 120

atttgcttag tgtacttctg cgcgacaatg tggacaaaat atgtcgatcc gttctgtgcc 180

cgcatagccc aaaagatgga gaaccacatg ttcattccagg acgagaaacc tgcacaggcc 240

gaaacactac ccttgacctc catgccgatg cagacgatgc caattcaaaa cgcctaa 297

<210> 27096

<211> 315

<212> DNA

<213> *Aspergillus nidulans*

<400> 27096

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cgctacatgg agtaa 315

<210> 27097

<211> 738

<212> DNA

<213> *Aspergillus nidulans*

<400> 27097

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ccggcacacg gccatcgcgc cgtttccgct gcgaaacgtc cacctgggcc cggccatcac 120

cgagttcaat atgcgcgagt tcaaaagaca ccatacgacg tgggcatacc ggctcgtccc 180

cggtaccacc aagatcagtt tcgggcagaa gacgagacag ctgttcgcct cgtccaaagt 240

ccccaaaatc ggctccgca tcagactctc gctgccccat acattgcaag tcggcaacga 300

gcagaccatc ccaaccactc tacatatcga ccctgacctg gactcaacga gcctcgccat 360

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gaccgtgcag gccgagcggc acgacttctc caaatccacc gagagcgtga gtctcgttcc 480
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cgtggagggc cctccacg 738

<210> 27098
<211> 240
<212> DNA
<213> Aspergillus nidulans

<400> 27098

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accggcccat tccagggtcc aacccccggg gaggggtgcct ccgctgggtgc tcaccagggga 180
aaccagggca aaaccccttt ttgggttggtg caaacaccgc acttttttat gcttggttaa 240

<210> 27099
<211> 603
<212> DNA
<213> Aspergillus nidulans

<400> 27099

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aaccaatgga gcgaagccaa ccccgagccc gaaaccgtgt tgaaaatgct ccaggactgc 120
tttaatgatg ccaaaactaa aggtgtgacg ctggaacgag gcacgttcgc ggatttggtat 180
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cataatcggg ttcttttagc gcagaaggcc aaaactgatc ccttgacgct ggattggctg 480
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tag 603

<210> 27100
<211> 356
<212> DNA
<213> Aspergillus nidulans

<400> 27100

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cctacaagga acccggaat gggcccgacc ttgtcagcag gaccaagat ggcgcggccg 180
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cagaggtaa ggtctttgcg actatcgaag aagctatcga ttttaccgt gacctggctt 300
caaggaggga gcaccgtatc gagggcgatg aaactccaat catgcctttg gactga 356

<210> 27101
<211> 795
<212> DNA
<213> Aspergillus nidulans

<400> 27101

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actctcttca agcccttget ctccgcact gtgcgtcccg cacttcaaaa ggcccttgaa 180
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gcgcagacca cgactactct gaagggctcg ctgttcccg acatcaaact tcctggaggc 360
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gcaactggtg gcgcagctgg cggctctcgt gctgctctc gtggccccgt caccaacggc 600
ggcgcattgg ctaccggacg agccacggac ggtggcccag caaccgctgc cccaacccta 660

accaaaggca gcaccgcggt gaccaacggt catgccaagc actatgattc tctcttaagc 720
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cctcaaaccg catag 795

<210> 27102
<211> 321
<212> DNA
<213> Aspergillus nidulans

<400> 27102
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aatctcgtct tgaagcactg tatgctcggg tcttcgtcgc cacgatcggg ttgtgctcgc 180
cccgccgttg tagcttttga agtaacggcc cgcggaggag ccctcgccga tgagcttggg 240
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tgcctcgacg ttgctggttg a 321

<210> 27103
<211> 1388
<212> DNA
<213> Aspergillus nidulans

<400> 27103
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<210> 27104
 <211> 622
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27104

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 caagacggcg tggctctctgc cctcgactcc tcggttacct tgaacgacaa ccagtacggg 420
 gccctcgtct cctggtgcta taacgtcggc gcgggcggcg tcgccgagtc gacccttgcg 480
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<210> 27105
 <211> 1062
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27105

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 tctacgacag acaataactc cgagcaacaa ccgcaaccaa ccgatgctgc tcatagagac 660
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<210> 27106
 <211> 270
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27106

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ctatccgtcg ccgctgccgc gggatggcaa ccacattcag cccgggtctcg tgtcagactg 120

ggcttacgaa acagcgccca cctcggttttc ttcgcaagac gaaggatcca ggatgttgga 180

aacaaaaaca ttttatgtcc aagcaagtca agcaagtctt cattcgcaga tggcggagct 240

gaagtacgcc taaaggatgg agcccccttag 270

<210> 27107

<211> 420

<212> DNA

<213> *Aspergillus nidulans*

<400> 27107

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caaaaccaag aaggaccaag ccccgaaacgc acggaaaaaa ccacgacaaa aaagaaagat 120

ccggaggacg agcaggggtac tcgaacacag gcaaacaacg aagcccacag acaagacgag 180

aacaaaacct acagcaaaac accagacgcc tcgaacacac tgatcacaac cgcgaaacccc 240

caaaaacgcc aaaaaagggc aaaaccacac caacgaaacc acatccccaa gcagcacacg 300

aacaccaaca cactcctaac aaaacggaga cccgacgcag ccggaaacct gctccagaac 360

gccacgacgc caaatatccc gaaaaccaac ccaaaaattc aagcgaagaa ccacagctga 420

<210> 27108

<211> 384

<212> DNA

<213> *Aspergillus nidulans*

<400> 27108

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gaaccgcct ctcctaccgg cgtagtcagc tcagagctct cagattccga tcatgcccac 180

agccgcggcc agcccgtcct ggaacctgct cctgatcttg actcaagccc ttttcggcct 240

ccgcgctcct cttcgctgag aacaacgtca cgagaccggg ttctcgggtc tgacgattct 300

gaccaagctg cgttgaatgc ctctccaaaa tccgtcgtat ctgggaagcg cagcttatat 360

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384

<210> 27109
<211> 1030
<212> DNA
<213> Aspergillus nidulans

<400> 27109

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ccggttgaga gggaggtgag aagcctagag agtatgtgca cacattagta gtggaatgac 120
agaagatcta acgtctcggc agctcgtgat ctcaagtgtt atgcccgcga tctgggcaag 180
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<210> 27110
<211> 309
<212> DNA
<213> Aspergillus nidulans

<400> 27110

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 cttcgcaatg agctggagaa tagccagttt acagtgcata tcaaccctgc ctttgtgcgt 180
 cttgagcaag acccgatatc ctcaactacg gtcgtcattt tcacaagctt cggctttgct 240
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 gctgtgtaa 309

<210> 27111
 <211> 474
 <212> DNA
 <213> Aspergillus nidulans

<400> 27111
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 gaccttcgtc ccgacgcgaa cgattccagt tttcaagtat taaagtcctg ggtcctgccc 240
 gttggcaacg actatatcaa gaacgccaat gcacaacatg aacgcccac taccgaaccg 300
 gatggcgaca ttccatatgt gcataatgat ttgacgaca gtagttggga tgtcgtgcgt 360
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<210> 27112
 <211> 513
 <212> DNA
 <213> Aspergillus nidulans

<400> 27112
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 gcggccgaac cccctttctc ccgcatcgca accatctcca ggcaaaaact ctccgctgag 180
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<210> 27113
<211> 279
<212> DNA
<213> Aspergillus nidulans

<400> 27113

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cagcacgaag tctctgcggg gagtgtcctt ttcacccccg gggacgcgga gcacggcgtc 180
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gatattgttt atcggttttc tggtaaggag tggtggtag 279

<210> 27114
<211> 450
<212> DNA
<213> Aspergillus nidulans

<400> 27114

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<210> 27115
<211> 282
<212> DNA

<213> Aspergillus nidulans

<400> 27115

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cagcaaagac ctacgggtga tgtgggctat tcataccttct aaaacctagg ctgtaccgca 180
cggaagtgtg tgtgagcagt cctetaagta ccaaccgtac gatgctcaat ttcaaggccg 240
ccaacgttgg tattcagacc atcgagtgtc cagacgcctt aa 282

<210> 27116

<211> 256

<212> DNA

<213> Aspergillus nidulans

<400> 27116

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caccacctct tcaaccccg aatctctctg catgttcttc ctgaaccaat ccgagacgag 120
attacaccgc ccccgaccg cgctcttttc gcagatccag agaaacgtgc tttgttctct 180
cctggtgtca agcggatcaa tctcactgag agtatcgga cggctctgga gggagtccag 240
attagccagc ttagtg 256

<210> 27117

<211> 242

<212> DNA

<213> Aspergillus nidulans

<400> 27117

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ctggggcgac agcttgctcg aaagagaaga cgcttcggca gcgggagaaa tacttttctg 180
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ag 242

<210> 27118

<211> 1221

<212> DNA

<213> Aspergillus nidulans

<400> 27118

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<210> 27119

<211> 204

<212> DNA

<213> Aspergillus nidulans

<400> 27119

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 tcatcattag cttgtccgcg gtctagtata aacacaaggg tgaaggatgg cgtacattct 180
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<210> 27120
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 <213> Aspergillus nidulans

<400> 27120

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 ttcgacggcg ctattgtctc tcacgcattg atctgctaa 219

<210> 27121
 <211> 512
 <212> DNA
 <213> Aspergillus nidulans

<400> 27121

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<210> 27122
 <211> 312
 <212> DNA

<213> Aspergillus nidulans

<400> 27122

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gccgccctca taatgcacgc tgcgggaaag aaaaagggga aggggaagaa gcaagcaggg 180
cgcaggacaa accgggcagc aggcaaggac ccaaacacgg atgaggcaag cgcagaaccg 240
cacgaactga gagaggcacc aactggcgaa caggcaagcc acaaccgga agaggaacga 300
ccgccaagat aa 312

<210> 27123

<211> 396

<212> DNA

<213> Aspergillus nidulans

<400> 27123

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<210> 27124

<211> 273

<212> DNA

<213> Aspergillus nidulans

<400> 27124

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gccaggaac aactcttctt tgaaaccaga tcgttatccc atgctcggtc cagatcggcc 180
atgtcggaaa ccaccgagat catcgactca gactacgata cagattcaag aaacgcaacg 240

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273

<210> 27125
<211> 511
<212> DNA
<213> Aspergillus nidulans

<400> 27125

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aatatttcaa ttcgcgcgaa cttcattggt tgtgtgtttg cgtcatcgca gtcgtcgccg 180
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gaggcaaagg aggatgagct gaaagagact g 511

<210> 27126
<211> 1217
<212> DNA
<213> Aspergillus nidulans

<400> 27126

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 tgcccaaaca gctgttcagt ggttcagcag gctcgccatc ttcttctgta ttgtcatcat 780
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<210> 27127
 <211> 394
 <212> DNA
 <213> Aspergillus nidulans

<400> 27127
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 agacgtgcag ctgtccaagg tcaagggcgg cacaagaat ggggcgtcgg taaatctgtc 180
 gcgtcgggat cccgaggagc aggactttgt gtcggatgag agcggcctga tcagccacgc 240
 gggagccgcg ggggatgttg ctgttgttga tcgtcatgga gatccagctg ggaggaggag 300
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 tgtgcaggcg gggaagaagg gttcaacgta ctga 394

<210> 27128
 <211> 264
 <212> DNA
 <213> Aspergillus nidulans

<400> 27128

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gttcttgtcc gtctctcagc tgtcataact aacaccatat ctgctctgcc ccagtcccag 120
ttcccatctg gcacccgcgt ccgctacca gacgcacact acattgtcat cggcgccgcg 180
gagcgcgcc gcgtcctcat ccagaacgag gataacgcgg aggatatacct gcgtgttgag 240
ccggatagtt tagttaaagt ctag 264

<210> 27129
<211> 363
<212> DNA
<213> Aspergillus nidulans

<400> 27129
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tattcttgtc gttattgggt atgtcctgtt tgctgaaacc gtcctacata gtaaggaaac 120
gtagctaaca attatctctt agcttcgcgg ctcacggttc gtaattccgc ttccccaaga 180
tttttgtctt ctgctgccct tttatctaac cctaccatga aacaggctac gccgtctctt 240
gccagaacca aggcggatcc tgccacgatg gagaccgtga ctgccccgcc ggtactgaga 300
gcgtcttctg ggacaccggc tgtgcgagcg cattctggcc gtgggaggaa gatgacaagt 360
gct 363

<210> 27130
<211> 210
<212> DNA
<213> Aspergillus nidulans

<400> 27130
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cagcacgcat cggaatgcga accagtgacc gtaacattca ctgcagggca atggttctcc 120
gacaaccac cgaaagagca agacaccga ccggaagaga tcgccgcgca acgctacatg 180
agagagaagc tcaatgggga actctattag 210

<210> 27131
<211> 297
<212> DNA
<213> Aspergillus nidulans

<400> 27131

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gactactcta tgatggaggg agcccgtagg catgttagga gacgatccat ttcccgcagt 120

cgctatgggc ctagtacag caacgcctat ttaagccgc acggcactct ctacgaagac 180

gtgcacatca aacggtccgc ctcgacgggt gcccgccgcg accgcgagcg gcaccgagag 240

cgagatcgtg atcgtgaccg ggaccgcgag cgagtggacc gcgtgcagcc gtcgacc 297

<210> 27132

<211> 572

<212> DNA

<213> *Aspergillus nidulans*

<400> 27132

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ctctcatatc gacaagcggg ggtggggagc attcaaggac tggctgagga agctcgtatg 120

tgtctctacc cttccccag ggcccccttct gatcggtttc ctgaccacct atagactacc 180

gtgaccaagt ccagtattgg cgtcaccccc ttaggcttca gccacacaat caacctcttc 240

cgggcccagt ggggatgccc cggacagacc tactcggcca acctgcggat ggatctggag 300

gcagacctcg cgatggacgc gacgtatgcc tattacctct ctgcgacctt tatcccgctt 360

ggcaagccgg aaacctttgc ttactttggc atggagccca ctgcctatct cgggcttcac 420

attgaaggca acgccc aaat gcagaccacc acgggcagga agaagattat cgacacgctg 480

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ggagaggcgg gtttccccca tectacccat tg 572

<210> 27133

<211> 207

<212> DNA

<213> *Aspergillus nidulans*

<400> 27133

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tttcgggaat tgaatgcctt tattgacgag aagctcatca agcccgtagg cgatgaccgg 120

gtttttgggt ttgcggagat aagggaggcc tatgagtatc tggagcagca gcggcatttc 180

tcaaaggttg ttattgatat tgattga

207

<210> 27134
<211> 484
<212> DNA
<213> Aspergillus nidulans

<400> 27134

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ctcttgattt tcgcctcggg gcgcatccga cggagcaaga aacaaggcca gcatgtcgcc 120
ggcgctgggt tcctcaacct gtcaatcacc ttgcctgggt tgtaagtgtc ttagtggtcc 180
gggggacacc gggccaccac ccgcggtgct tgcgtatata gaggaacctt ctaacaggat 240
taacagcgcc tatatcgcca ctatcgctta caccgttctt accgaatgcg acgtctacag 300
ctatcgccac ttgtaccatg cgcccggtgt tgagctctgg ctccgcgccg tctctgagta 360
cctgttcctc gcggccatcc tgatctacct cagcgcaag ctgcagacag atttcgggct 420
agtgcagccg gccattcaca ccaaaaagaa aatctgggcc gtcctgatcg gtcgagtcct 480
catc 484

<210> 27135
<211> 279
<212> DNA
<213> Aspergillus nidulans

<400> 27135

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agtcacgccc atcacccccg tcattatatt tccatcattg ggttccccct actcagtcac 120
aatcaggtgc cgcacccgga aaggctcacc aagaggcacc agctcatggt acctctcgtc 180
gttcagagca ccatgcgtct ccaggacgaa aaaggaaggc ttccggctct caccagcctg 240
ccccagtacc gtcctctcgc tcctctgaat cacttatag 279

<210> 27136
<211> 237
<212> DNA
<213> Aspergillus nidulans

<400> 27136

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 cttgctgcta ccaacgagca gaccgagaca aacatctctt cagtccgtga gcgttctgac 120
 agctcgtcgt ccaccaccag cagcaccgga ctgagtcggg gtgctgctgc ccgcctccca 180
 gcgggattcc tcttcctagg ctacgaccac cccacggccc tcagtcccgg cctctga 237

<210> 27137
 <211> 397
 <212> DNA
 <213> Aspergillus nidulans

<400> 27137

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 ggaggctaag gacctggagc ctctcaacc tgtagaaccg gcctctacag cagagccagc 120
 caatgaggaa aaactggcgg agcccaccgg ggaaccttct gtagcaaac cagctgaaga 180
 agcgccagtt ttagtggcgg ctgaggagcc acccgctgca gagtctggtg aagctgaggt 240
 ttcagcccaa gaacctgttg acgagcaagt gcctccctca actacgactg aagaggaagc 300
 acccgccaca aatgctcagg agcccgagcc cgctcggca ccggccgaag gaacacctgt 360
 tgcggaact cctgctgttg aagtcgaagc cgaacct 397

<210> 27138
 <211> 1062
 <212> DNA
 <213> Aspergillus nidulans

<400> 27138

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 gacccagta tatcgcttat tctgaatttt atgccgaacg agtaccacga actctacaca 120
 atcgccgccc tccaagccgg caagcacgtt atggttgaga ccccggtgag cttgagcatc 180
 ccatccgcaa agcggatcct tgatgcagag aaagatgcgc cgaacggggc gcgcgtcttt 240
 gtagcctgtg caaggcggta cgcgccttgc tttgaaagtg tgttcaagaa agaggtggcg 300
 gagctagaga ggatccatta tgcgcggttg aggatgatcg ccgggccgca tgttgcgcac 360
 acggcgacga gtctaagggg tgtttcgagt gatgagcccc agctcgggaa cggttctaag 420
 gagggggtcc agggggagaa ggagaaggag gaggaggacg aagatcgagc agcgcgcctc 480

cacgacctga tggaggaggt ctttggtaaa gaagaacaac caaatcacga gcgcatcgcc 540
ctcagtcgct ttcttgccct gctgggctgc cacgacctcg gtttgatgcg agacacactc 600
ggctatccag atgcgatctc aaatatctcg gtgaatgagc cattctactc agcgctgttc 660
cactacaatg gcagcggttg cggtgcccg tacggccgac atccgtttac gtcattgtac 720
gaaaccggga cggattgcgt accgcgatgt gatgcgcagc tggcggtgta tggacataac 780
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gaggcttacc aggaagaatt gaaggcgctg tatgcatacc tcgttgaggg gaagccggca 960
aagacaactg cgagagattc gttgcaagac atcaagctgt ttcagacaat attcgaccag 1020
tacaataagc aatgtgggac gatccgcact ccgcttggtt ag 1062

<210> 27139
<211> 303
<212> DNA
<213> Aspergillus nidulans

<400> 27139

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agcgccggaa accagaccca acagtccgga aaccgttcgc aaacgggagc tagctcgaag 120
tcacaaaaag atccgacctc tggctggagt gtcgaggaaa tgcttgagac tggactcgat 180
cagaacggca acattgtctc ggacgattat tcctggattg acggccgctc actaaataag 240
ggccaacacg gcggccaaga ggccgatgat gttgccgctt cgcttgatga gcatttcgct 300
taa 303

<210> 27140
<211> 286
<212> DNA
<213> Aspergillus nidulans

<400> 27140

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tagaggggca taccgtgcgc cccagcaggg ccatcggttg tggccatctg ctttgtatct 120
agaatactgt tctcgcaaga ctcagtagct gtattcaagg aaaccctcgc tctactgcag 180

ccgtggtgtt attggcggag gaaatgttta ccgcgttgga caccgaccga tagacgcca 240
gcggcggcga gcagcaacgg gcgggagcgc gaaaggaaag gaggca 286

<210> 27141
<211> 475
<212> DNA
<213> Aspergillus nidulans
<400> 27141

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atcttgttac acttcaccaa cagttttacct cacaaacage cccctacctt atcaagtcac 120
tccccaatcc cctttcctac atttgcgatc agtatactac attactcaag gaaccacccc 180
gaaagcaaga tgtccccac ctcgcccgtc ataattgcag accccaatc cgcccctcaa 240
aatcccaccg cgacctcgac ctcggcctcg aattcgaacg ccaacaccgg ccaagacccc 300
gtctctgaca cactcgaccc gcgcaccctc gcaacatccg ccttcactgc ctctcttcac 360
tcctcgggtc aaaactacac cagtgcgctc gtcgatcgag ccagaaacct ccactctaata 420
tcccaggctt tgaagaacca agaagcgcag ctagecgcgac aactgagag cctgc 475

<210> 27142
<211> 384
<212> DNA
<213> Aspergillus nidulans
<400> 27142

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caatcaccca tagatgccgc tctcgctcag ttccagcaac taaacgaccg gatcgacagc 120
gcgcagcggc ccatcaacgc ctacaacggc ggtgttttgc ttgctctccc cgttgcgaac 180
agcctctaca gcgcacacac cgctgcaaca acagcgcgctc agtcccttac agcactagat 240
cccccttctc cagaggatag ccagcgtgcg ctggacgcat acaacgaggt tcatccgcgg 300
ttacttgcaa ctctcgcggc cggacgcgat aaggttcaca tgcttcacct ctgtgtttcg 360
tctctcacgt atatgatggg ctaa 384

<210> 27143
<211> 557
<212> DNA

<213> Aspergillus nidulans

<400> 27143

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aacggatgac agtcgtcgac gatgcttctg aagatgagca agaagatctc ttcccagaat 120
cgaggaagga aggcccagat gagacccgag aaagcagaaa ggaacgagat gagaggctta 180
gaaagatgat ggaagatgac ggtgggttgg tctcgaacat tgtgcatcat cgaataactaa 240
tgagcgcaga tgaagatgaa gagatgatcg atgctacaga gccgccaaca gaatccgaaa 300
ccatagacaa gccgcccccc aagcaagagg acctcaaggt tgaagccacg gtcaaaggcg 360
gtcgtcgag aggacggcgg caagtcatga agaaagtagt taagaaggat agcgaaggct 420
acctcgggtga gtctatgctg ctactcggag aaatgccgga tttacctaat attttcccag 480
taactgtcga ggaaccgagc tgggagtcac tctcggagga tgagcctaca ccaccaccgc 540
ccaagaaaaa gccagga 557

<210> 27144

<211> 408

<212> DNA

<213> Aspergillus nidulans

<400> 27144

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caagcggccc tcgactttgc caacggcatc tgcggcgggtg ccggagtcag tgatctccct 120
cagtccgcca cctgtgctag cgatgcaacc agcaccacag ccaccgtttc ctctactgtc 180
acgaacacag agaccactac caccacggcc gtcacttcct ccgaaagtga tcagacttcg 240
acagaagctg cctcctcgac ctcggccgat acttctactc agacttcaac ctcgactgaa 300
actgagactc cagctagctc tgaggatact gacggtgcaa cgctctccg gggcaagagt 360
gtcgggtgtcc ttgctggtat tgttgccggc attgcattcg tgctctaa 408

<210> 27145

<211> 495

<212> DNA

<213> Aspergillus nidulans

<400> 27145

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 atcttgcatg tagtgcatgt tcaggggccc aggtatgctg ccgctgccgt ggatattgcc 120
 agatgggtga gtgacgagga gcagcgtcgt gcctgcgtgg gcgatctggg aaatggacgt 180
 ctttgccacc accattcgac gcacgcccac tgcaatggac tggtcgcaaa ttgagatcct 240
 gctgcccgtg gatgacgagc attgggtcca gtgccagctg caagagagct gcttcttcga 300
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 ctgggtcatc gtcatcaact cgtaaatgaa agaggcgcac ggactctcaa gccctagagg 420
 gatccccagt cggtcgcagt cggaccaggt tgacgaagcc caccaccagc tagagatcat 480
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<210> 27146
 <211> 497
 <212> DNA
 <213> Aspergillus nidulans
 <400> 27146

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 ccatagcata tcttgagcgt tgcattgtact aacagtgcct gtatgggtct agatccaaag 180
 tccctgtac tgtccacagc tcctcccaaa ctccgaacct tgaccatgaa ttcaagcagc 240
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 caaagtgcatt aaaatgcacg gttgagaagt cctctgctct tctaaccagc catttatgcg 360
 acatccaagc cgcgaagaag actgggcagt ggtcaaagga ggagaggaag gcactaaagg 420
 ctgaagtgaa gagctccttc aaacctgtga agaaaactgt aaaggccttg tggaaagagg 480
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<210> 27147
 <211> 2252
 <212> DNA
 <213> Aspergillus nidulans
 <400> 27147

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ttacggtacc accttctctt ctgtctccta catcaagttc gattcggcca ggcctcctcc 120
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 gatcattcag tatgcaaagc ttcttcttcc ggggaaccaa aaagaaactc gaggcccgcg 360
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 ctatctgcga cagatcttga agtatagcaa agaatttctc acagagagag aagaactcag 480
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<210> 27148
<211> 294
<212> DNA
<213> Aspergillus nidulans

<400> 27148
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atgcaaaggt tgagcgatgc tttcttgaaa cgccgcgagg agacattcta tatatattcg 180
ctccatgaca aggaacgaaa acggatgcga tgtaggatag ccgaactaga ggccgaaatt 240
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<210> 27149
<211> 249
<212> DNA
<213> Aspergillus nidulans

<400> 27149
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aagcaccat tgatccgcct ccagcgactg ccagttgcct cgctattcga aactgtcgct 180
gcagaggaac gggatatcgag ccaagagaat atcatcgaca aagttgggaa agacgggatg 240

aggatttag

249

<210> 27150
<211> 567
<212> DNA
<213> Aspergillus nidulans

<400> 27150

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agttaagtaa acagacactt atactctatg cgcttattga taggcgggta aaaggctttg 180
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tccaggacaa ctacggtatt acccctttaa tgtatgctgc aggaatgggc aagacagacg 420
tggttcgctt gctcatcgag caaggggcca accctttcat ccgcgatacc agatgggaaa 480
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acacggttca agacagctac tcggaga 567

<210> 27151
<211> 480
<212> DNA
<213> Aspergillus nidulans

<400> 27151

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cttgctgcgc ttgttgctgg agaggaagaa gaggaagatg aggaggcgga ggaggaggag 120
gaggatgaag aggagggaaga gaatgcccgc tgctgcaaag gcaaagcccc ggccacctct 180
gcccgaagg gggttcattt tgccagtcac gacaccctg aacatgcaga taggggtccc 240
cgccgcgccc agcgcttaca caccatgctg gccgtggcgg cccgacaggc atctgccgcc 300
gctgctgccc aggaagctct cgcccagacg ctgctcctgg tagccgccga gtacgccgat 360
gatgatggtt tccaggggtt tgggtggagag gaagaggagg aaggagaggg aggaggagat 420
gaagatgagt ctgagctctc ctactggat gaggagattc tgactcttgg caggtcataa 480

<210> 27152
 <211> 336
 <212> DNA
 <213> *Aspergillus nidulans*

 <400> 27152

 atgcttcacg acggccacgt ccgtaccaaa acaacagaac catacccgcc ttctctcttc 60
 gatcttccct ccgtacccga atcatccgac cgcacagac tccgtggctt ctatttccac 120
 ccgtttatgc agatctgccg ggccattacg aactgtcgc cggacgagat ggagcgcgca 180
 tctgcggaag tcgaggcgca gacctgtggc tacgcaggcg ctgttaattc aacaggcgac 240
 tgtcgggctg gacccggcta tgtcgtggta ctttgcacag aagaaccct ttgcacattc 300
 tgtgatacgt acgagggagg agtggatttc gcatag 336

<210> 27153
 <211> 1108
 <212> DNA
 <213> *Aspergillus nidulans*

 <400> 27153

 cgtctgcggc ggcggcggcg taggcaccgg cgtatgtaga ccgggttcga gttgtatgtc 60
 atcagcattc cttccttcat tcccttcgtt aatgtggta cgcacaggta aaggaatcct 120
 ttacacaggt caatgccaac attctgctga cgatgaggta cgtccttctc ttcaagccct 180
 tcctcatctc ctatctgtct ctgcgcctaa gtacaccaac ctactaacat cgccaaccat 240
 attccgcgaa aacagtgtg tctccaaaga cgatgtgaga cagatcgcgg taatggtttc 300
 tgcaggaacc gtgataacca gacttgcgcg ggcgagtatg tcgttgggaa cgggtacgtc 360
 ctcccaaagc catactctct tatatcaact atccacccta cacgagtgag tgttataaga 420
 cactaaatag tctaactcgc tactgcagcc cgactaccg tgtgtcggac cggattatat 480
 tgtctgctgt gtcgaatggg aagatatggt gaatgttact tctaattcat ccccgagtac 540
 ggatacgacg acaacaacaa caagaacgac gacaacgaac tcacctacac ctggcctcga 600
 aacaggagca gatggcagtg gcagtgggtg tggcgatggc ggactgtcag cgtcccagaa 660
 gggagggata gcggggggaa tagtgggtgc tgttgcgggtt acaagtatta tcttcttgct 720
 gtttttactc cttcgaagga gaagaaagca gcagcaacac gggcaggaac aaccggtggt 780

tgaagaaagc gagggacgaa gatctgatta cactggagag gggaaaggaa cggagaggga 840
gacaagtgga cataatgtag gtggcggaga aaatgagata ggggttgcca tgctggcgtc 900
gagggagaaa gccgagctgg atgcttccgg tcgggcgctg catgagatgg agtcaccgac 960
ggtaacgaag aacataaagg agattggtgg gtataggga ttggatggca ctccgctggc 1020
aattgctgag ctggctgttc ctgagactgg tcctgaacat ggacaaaatg gacagaaggg 1080
gaaaactggg cacgaacaag cgccttaa 1108

<210> 27154
<211> 498
<212> DNA
<213> Aspergillus nidulans

<400> 27154
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ccgcccacag cactcagaac ttgtttctgag agtccaaggc tagagaaagc ttccgaagaa 180
ctggtcagcc atgttaggac ttttgccgag gacgttgaac atcggatcaa cgacctgatc 240
tctagttgga gcctcaaaca gaaagaactt tctattcttc gagattctca taagaaagtt 300
atcctggagc gtgatgagct gaggggaaag cttaacgttg agataagaga gaatgaagga 360
tttaaaaagg agattgaaga cctaaaggca gagctgaagc taatgaaaga ggaaatgcgg 420
agggttgagg aggacaagaa aaaaattacc ggtgtttaca ggaccctcga ggagctgata 480
agatatgcga aggattag 498

<210> 27155
<211> 318
<212> DNA
<213> Aspergillus nidulans

<400> 27155
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atccctctcg ccgactcatt cttcccgaag gtcgagccga agtattccac tctgcgcgtc 120
gccgcaggcc tctttgagcc aggtgattcc agcgctagca caggaggcag cgtgccgggc 180
gtcgccctct ttgacgccga tagcaaccgt gttgggtttc agtccggcaa gggccacggc 240

aaaatcgagg aaggaaacta caaagacatt tctgatcgct tccgatcaag agccagaaca 300
ccatcactcc gattttga 318

<210> 27156
<211> 465
<212> DNA
<213> Aspergillus nidulans

<400> 27156

atgagtgcaa ttgattcggg aaaaccccaa gagctgtttg tcgaagatgt tcccacagag 60
gaggagcgcc agctcgatcg cgagactctc aaccgactcg acctgatect gatgccccatg 120
acactcattc tgtattttgct ggccctggctg gaccgcgcga atgtcggcaa tgccccgagtg 180
gtacgtcgcg cctatatattc aaggacctgc tggctgactg ctggctgact gtctaggctg 240
gcttgatac cgatctcaat ctgagcgact accagtataa agtcgggtacg ttcgcgcctc 300
acccaacact gtttagatag gctgtttgac tggacagcga tcaccgttac gtatgttccct 360
tatatcctct cggagctgcc ctccaacctc gtcctgaaga aaattcgcac cccgcattct 420
gcttcgacc ctgtgcacgt gctgacggct tgtcacgggtg cttga 465

<210> 27157
<211> 306
<212> DNA
<213> Aspergillus nidulans

<400> 27157

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caagagtcct acgtcggctg cttcagcact cctggctcct tcgaaaatct cggcacatac 120
gttttccaat cgatcggcca ctgcctcaac caatgcacca aggctgggta taatatcggg 180
gactatgcgg ctgtcaagga gaccgattgc tattgtggag acgtcgatcc cgcaaaggac 240
gatctggtcg atgatgatca gtgtaccacg cagtgtccgg ggtatgcgcc ggatgtctgc 300
gagtga 306

<210> 27158
<211> 276
<212> DNA
<213> Aspergillus nidulans

<400> 27158

atgaacccta aacagaagac agcaattatc gtcgtcgcgc ttgtcctggt tcccattatt 60

ctggtctgct gtgcattcgc cctagccctt ggctgcgccg agttttggag ctctggtcgc 120

ttcactctca tcaaacccttg gattagacgg caactggcta ctgtgcgaaa acaactcaag 180

ccagtaagat ccgatgatcc tcgtgctgta aagcaggta tcaatcgcaa caatactgcg 240

aatacaggaa ctgccatgac agttgcggag gtctga 276

<210> 27159

<211> 387

<212> DNA

<213> Aspergillus nidulans

<400> 27159

atggagaaga tccaagtcca ggttacaaac gacggcaaca gcaacgaccg cgtgaagcgg 60

ttcagtaagc tcgtcaccac aagcccgaca ttctgccacg agatccttga gaatgacctc 120

atgcacgaac tcctccagcg cgtcttttagc aagcccgggc agggcatggg ctaccacttc 180

aacgacacaa tggtcacga agtgcaaccg ggcgcccccg cgcagcgcct ccaccgcgac 240

caggagctct acccgtggtg gaactccatg ggcccagatg ctcccagatg cctcgtcaac 300

ttcttctgcg ccgtaactcc ttccaccgta gagaacggcg ccaccctct cgtccccggc 360

agcaaccgtt ggccggagtc acgctga 387

<210> 27160

<211> 1247

<212> DNA

<213> Aspergillus nidulans

<400> 27160

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ctgacggcaa ggtctctcaa tcacgaccgt aatgtcgagc tgggcgagct ccaggacgtc 120

caagacttct atgcaaccct ggagcaatcc tccttctgta acaccagaa cggttcgttc 180

gtctgggagg acattaccga gtttgagacc ctgcacgata tcgacaattc tgcgctcgag 240

cttgcgggcc cgaacttga ccgtggacac agccttgtct cccgcgagga ccaatgcacc 300

gaactcacgg gtatcacgag aatgatctgc gacaatatgc ctagccgctg gaccttctgg 360

gcctttggcg ggcccctgat catttactat gcccacaggt taatgaccaa ctgggtcaat 420
gtaagttaag tcctcatggc taagcgagat acacaatcta gaaaaacacc tgggcgagaga 480
ctgacagtga cgctctgcaa aaggacatcg cggtcgcaat ccaagcaggg aggaacctgc 540
gccgggtctg gagagatggc tcctcggggg ccaacgggct gacccccac gacgagctaa 600
gacggacact gaacatgaaa gcccgcgagg atgctgtcga ctaccacttt tccttgccgt 660
acctactcga caggcagggc aggctgagg ccaatagttg gagcctgtcg cggcgatccg 720
gcgacagcga ggggtgtcgat ctggccatgt tgtctcacga ctacgtcttc agcgagaccg 780
accaagtccct ctgtacgtca ctgtcattct accacaccat acctaccaa aaggggccgtg 840
gagtcgccta tatctttcaa taggcccgtc ctaactggtc ctgtagctga ctaactttcc 900
cctccgtaat atcagactac aaaggaacga gggggacctt ttcgttcggc gtccccgagg 960
gtaaagacaa gagcccttct cgcaacaaca cgctcgagct tgaggcacgc gcgccgacac 1020
acgactacac gatcgtgatg tcggtcacga agcgcagcac tgccaatacc attgccaagc 1080
ccagctgcat tgcgaagctg ttgaagttcc acattgaccg cagctcggag acgaaccgct 1140
ttgcttgccg accaattgat aacaaaggca agtggcacgc aacaatgcac ctgatgatca 1200
accgcgggaa gcgaaaccgg ggcactgcgc gcacctgctg cgactaa 1247

<210> 27161
<211> 479
<212> DNA
<213> Aspergillus nidulans

<400> 27161

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actctgtcca tcgttggggc agatgccttc atctatggcg gagagctgcg acctcgagag 120
cccgtagact ctgcagttta ccgcataatca gtaggcagtg gtaagagaca catgctctct 180
ggaatcatgg agggctgaat actgactcga tacagatggg ggcgctgaag cctcctgtc 240
tacaatcgct ggggtcccga ccagcccgc accccgtgtt ggcagcgcgt ctacaaccgt 300
tgctggttaag atctatatat tctccggctg tgggtgaaca gccatggcgc ctatcgaaga 360
ggatggagca ttttgggtct tcgaccctct tcctggtaac ggcgtatggc cgccgatcca 420
acccgttgat cccagcccc gtaccctttt gacgcagctc cacgctctta cgagcatgg 479

<210> 27162
 <211> 381
 <212> DNA
 <213> *Aspergillus nidulans*

 <400> 27162

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 gaggatacaa gtcccatcc ggagtcagtg gaaatggaac cattaaaccc ggtaactcgg 120
 ccacctcatc gtacaccatc ggcgcctagg tcaaacacag gcgggtatat gggaccgcca 180
 cctattagga cagcagtgcga gaacgaacac ttcccggtatt ctcacgcgca tggatacgat 240
 gatcataatc catacgacta ccacgccccaa aacctaggtc gtggccatag tccttacgac 300
 aacagcccat atgaccagcc gtacgcagat cactctccag ttggtaacta ccacgccatg 360
 ccgttcccac cgcaggccta a 381

<210> 27163
 <211> 231
 <212> DNA
 <213> *Aspergillus nidulans*

 <400> 27163

 atgaaagagg agggtagaaa ggataggaga agaaagggga gagagggcag gaagagaagg 60
 aggaagagg agaagtggga gagaagggaa atggaggggg ggggagaaga agagaaggaa 120
 ggagatgagg aggggagggg agggaaagga gggcggaag gaggaggaaa gaggggaaag 180
 aggaggagta gagttggtgg ggaaggggaag aggggggaga ggagaaggtg a 231

<210> 27164
 <211> 276
 <212> DNA
 <213> *Aspergillus nidulans*

 <400> 27164

 atgctctct caacgacagc tatggcgcta gccctcgag caacagccca ggccaaggtc 60
 gcggccgaat ggctgcaaga gaataacaag gcaggcgacc cgccaccaac tggcaaagtg 120
 gacaagtatc agacgggtgt gctcagcgtt gctcgcgatg catatgatag aagccagccg 180
 tcgagttgtc cgaccatcat gatcgggaca gccgtaccgg acggggacaa gaatgacggg 240

tggaagaac tgtacatggt gattactcgc aaatag 276

<210> 27165
 <211> 222
 <212> DNA
 <213> Aspergillus nidulans

<400> 27165
 atgagttctg gcgctggtaa tgccaacgac gatgctgacc tcaatgatga tcagacccaa 60
 caggatggaa aaggagctgg tgatgctgta cctgtgaccc cttctccttc aaagaagaga 120
 aaggtggggg ccgcgaagga taaggagact cacatgagga ctactcctaa gagtacacca 180
 aagggcaagg gcaagggcaa ggaaaagggt gcgcagagct aa 222

<210> 27166
 <211> 408
 <212> DNA
 <213> Aspergillus nidulans

<400> 27166
 atggtctcac ggggtgcgca caaagcggcc ctgaaactcc gcattgattg ccagccattg 60
 atgagtattc tgcagacgga ccaccgggac gcgaacattt cacaggcgga ttttggattt 120
 gcgcggccga tcaattatag gcatttgcta gactttgtaa cccccgggtt gattatcatc 180
 taccgcccga gagtgggcag tgggtccgcac ggggacgatg aggggtgcga gttctcaatt 240
 gtttatgaac aggaactcgc ccaaactctt attgacgacc ctgagtggaa tgcatacttt 300
 gagtccgcg gtattgacgc ggttgatatt tcttcgacac tggaggtgcc ggagtataga 360
 taccgtccc agcatctcta tgttgatggg agtgatggct atatgtag 408

<210> 27167
 <211> 372
 <212> DNA
 <213> Aspergillus nidulans

<400> 27167
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 cccacgttt ctccctcat atctcttatt cctcgtccc cctacctct ctactcctcc 120
 tccactttcc cctcacctt cttcttctcc tctccccac tctcacctc cctccctatc 180

taccacctct tcttctcccc gcctctcttc ctctcttcca aacctcact ctctgttccc 240
 tcccttctct ctccctctcc cactctctt cactctctcc tctctcttt cctctcttat 300
 ctctctcta cctccttcc tccctctct ctctcttaca aagccttccc tccgtactg 360
 tctcgctct ag 372

<210> 27168
 <211> 333
 <212> DNA
 <213> Aspergillus nidulans

<400> 27168
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 aggagacacc gcacaagtta gctgtgtatg cgttttctt cattcttggt gtattaaaga 120
 aggtttgtcc atctactata cacctttatc aagaacatat tggactaact tacgcagata 180
 aaccgcgctg acgcaaccgc aaacctact tcagacaccg atgccgaccc agaaaccgct 240
 gctccaaccc tagaggacat cgccgagatt gaagcgtggt cgctcacct gcttgattgc 300
 aagaaagact ccctctggca ggttcaagtg gcc 333

<210> 27169
 <211> 379
 <212> DNA
 <213> Aspergillus nidulans

<400> 27169
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 gccttcaaaa ggccggtgcg cccgctgccg gggcatcagg caaggaattg cctgtcattg 120
 agagcgaaag cgaagagtcc gagtccgaaa cggaattcga tgatagcgat gatgaggggg 180
 atcggttgga gagagaactt gactcgttat atgagcagta tcaggaacgc aaagaagaca 240
 aggactcgaa gttgcgagcg aagaaagctc ggaaagacta cgaggcggac gagtgggaag 300
 gattctctga ctcggaacaa gaaggaaacg atgacgaaga aggcgaagca aaaccaacg 360
 ttcaagataa ccaccaatg 379

<210> 27170
 <211> 609
 <212> DNA

<213> Aspergillus nidulans

<400> 27170

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gaaaccaga cccgtgcccg acggtcgcgt agaaagaagg acgacgccgt tgagaccgat 120
cggaaggaac ctacaaagtc ggcgagatcc agggataagg ataaagacaa agagaaggac 180
agggacaagg gaaaggacca agacaaggag aaagagacga agcggcccag tcgccgcccg 240
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gcagcagtct cgacagcttc agactcggcc ccagttcttg cgcacacgac cactgtttcg 420
gttcctactc cgcggcctag tcccccaagt gcacctgcat cgcttcgggc gaatcactct 480
gagcttccac ctcaaccgca gatgacccaa tctcgtcatc tcgatctgac ctctcagttg 540
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ccgatgatg 609

<210> 27171

<211> 593

<212> DNA

<213> Aspergillus nidulans

<400> 27171

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cccaggcggt cgtcctggca aacaggaccg tcagcgccga cgaggacaag ccagtcactt 120
tcatcaatct caccacggcc ggcatectct tcccgccgtt ccccggaatg ggcgctacg 180
taagcagcaa gatggccgcc gtcaagatcc tagaggcggt tgccgccgag aaccgcgatg 240
tgctcttca caatgtgcat cccggattcc tcgagacggc catgtcggcc aagctgggag 300
agaaaatcaa actgccttac gcctacgatg acagtaagtc gaactgaccc tgtttgcggt 360
caagtcacta atctctcgca gtctccctcc ctgccgactt cctggtctgg actgcctccg 420
ccgaagccga atttctcagg aacaagatcg tcttcgccgc gtgggacgtg gatgagctca 480
aagcgcgtac aaaggagatt gtcggtggcc cgcccgaac tggggagctc aggatcggct 540
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<210> 27172
 <211> 288
 <212> DNA
 <213> *Aspergillus nidulans*

 <400> 27172

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 tcagacggta gcatggtctc caccgagttt aataaggtgc ccaaagatgg ggagagcacc 120
 tggcatcatg ggaaggttcg tgacatgcgg gatgtcggtc gccacggtga atttggaccg 180
 gaggtagagg gttgcgagca tgaaaaggag agcagcagag tagccatgcg tcaaagaaac 240
 ggtgtcagcc gtgaaatcgt agtcagtatt catagcggca gcgtctaa 288

<210> 27173
 <211> 1019
 <212> DNA
 <213> *Aspergillus nidulans*

 <400> 27173

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 gcacctgtcc cgccctagtt cagcgtggtg tagagttatc tgggtccttt ggcggtgacc 120
 atgactggga ctggggccac ggtggaggtg gtcacggtgg tcacggcggg cacggcggtc 180
 atggcggtca tgacgatgat gacgatgatg atcacgactg ggagcctccc acaaccactc 240
 cctgtgagac agagacggaa actcctccgc cagagaccac tccatgcgag acggaaactg 300
 agacgcctcc tccagagacc actccatgtg agactgaaac ggagactcct tcaacggagt 360
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 ctctccaga gaccactcca tgcgagacag agacgcctcc tccttcaact gagactcctc 480
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 cacctgagac tactccatgc gagacagaga cgcctcctcc ttcaactgag actcctcccc 600
 cagagacaac tccatgcgag acagagacgc ctctccttc cacagaaaca cccctccag 660
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tcacgattcc tcctgatgag acaaccactt cgattccac cggaacatca cctgagcagc 900
 ctacttcaac tggcacaacc ccagctgctc cggctctttac tggtgccgct agtgtggacc 960
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<210> 27174
 <211> 213
 <212> DNA
 <213> Aspergillus nidulans

<400> 27174

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 tgcaagatga taattcatta acaggaagt atttaagcgg taaagagttt attccagttc 120
 cacttgaaag acgtaaaggt gatggacgta aagtagagat tgcggcgca aaagagacta 180
 acttaaagaa tgcgaaaatg tcattcccgc ttg 213

<210> 27175
 <211> 1515
 <212> DNA
 <213> Aspergillus nidulans

<400> 27175

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 gtcattgccg acatcaaagc tgagcagggc gagcaggttg cgtctgagct ctcatcgctc 180
 ggcgaaagtgc gcttcgtcaa gacagacatc tccaagtcag aagatgtcca gaacctgggtt 240
 gccagactg taggcttctt tggccgatta gatgtagcga tcaacaatgc cgccatgact 300
 cccgataaga cgggtgctcat tgagacagac gaggaatatt ggcgccgcct ggtggacgct 360
 aacctgacgg ggacggcgct ctgctgcaaa tacgagatgc agcagatgcg caacagggtt 420
 ccaaggggtc tattggtgaa tgctgttgct cccggtgcc a tctttacgga gatgtccgcc 480
 aaagcactcg agattatggg cacgacacac gatgaatttg caccgaaagt tagcagtctg 540
 aaccgattcg gccagcctca cgaggttgcg caggcaagtc tgtggcttgc gtcggacagc 600
 tcgtccttca cagctctcta ttttaacttt gatcctatca tgggcagtct ttcaaattggc 660
 ctcccggttc ctccgacctc cgagggcaag cttgccctcg taactgggtc cgcgcgaggt 720

atcggcgcct	gtatcgtcgc	caatctagcc	agcaaaggct	gcaacgtgat	catgaactat	780
gcgacgacct	cctccgacaa	agctgcggaa	tggtctgccc	aagaactcac	cgaaacacag	840
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<210>	27176
<211>	832
<212>	DNA
<213>	<i>Aspergillus nidulans</i>
<400>	27176

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gaataagata	gggagggagg	gggaagggga	gagtagggag	aggggggagg	aggggaagag	180
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gggagaagag	agagagagag	aaagagggga	ggggggaaga	aggaagggag	aggggggggag	420
ggggaggaga	ggaggggggg	aaaagagaga	aggggggggg	ggaggaggaa	ggagaggggg	480
gagagcaggg	gggaagatag	gggaggggga	agagagagga	ggggagaggg	ggagaagaga	540

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 gaggggggag gagaaggagg ggaggatagg atgggaaggg agggggcgag ggggagcgaa 720
 gcggcaaacg agaccctgga ggccgttcgg cgccaagcaa gagacatcgt attatctctc 780
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<210> 27177
 <211> 324
 <212> DNA
 <213> Aspergillus nidulans
 <400> 27177

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 acagaccatg caaagtttga gagcacatct aacatcgagt ctggtcagga taccggaggg 180
 gagggtttct cgttatacgt ggggagattc agctctctgg cctacgcaac agatcaagtt 240
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 caagattcta atcctaggca ataa 324

<210> 27178
 <211> 1623
 <212> DNA
 <213> Aspergillus nidulans
 <400> 27178

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 aataagaaga agggtaacag cgccaaaagg gtcgggtaa acgacaacaa ctttctcaac 120
 ccagaggttt ccaaaccagt ttccgaccgg gcggaatccg aggaacatgg ggtccccgat 180
 ccagtatgca cagctccctc agtacagtta tcaatctttc gatgataatc ttcaatttcg 240
 ttatcaaacc ttcgaccgtt atacgggtca gttctcatc catcctgtct ctgcggatta 300
 tctgacggct aataatcagg acaacaaacc cgatgccccg gaagctgaga aggaccaggc 360
 cccagtccca gatgctcctc agaaagatga atcaagcagt gaaaacgctt cctcaccgga 420
 ggcggaaggt atgccgccca actgtatcca gctaagcgta taatgctaag cgggatagca 480

tcatcggtg cgacgacacc tcccgatata gtagaagagc ctaaaccga aggctcagaa 540
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 ggcggagcaa cacagtcacc tccacctgag ccctctgaaa acgagcagcc ggtggccaaa 1560
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<210> 27179
 <211> 297
 <212> DNA
 <213> Aspergillus nidulans

<400> 27179

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 gtgaggtcca gaaggatgct cggttaagact accaccaaac ctcgctactc aaccaagaaa 180

tgctaacagt tatagcgggtg tgccctgtcgt gcagagcacc gccgacgcag gtcagaagcg 240
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<210> 27180
<211> 361
<212> DNA
<213> Aspergillus nidulans

<400> 27180

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gagcgtgaaa tccaagcaca gaagctccgg gaaaaggaga agcgacgcac acagttaaag 180
aagaagaagg cagagaagga agcaaaagcc cgcgaggaac gaattcgccg tgggtattccg 240
gaccctaata ctctgtctgt acctgcgagt cagccattgt tgttcaactt catcaagaga 300
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a 361

<210> 27181
<211> 401
<212> DNA
<213> Aspergillus nidulans

<400> 27181

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gggatcacga ttcttatcaa ggattttgaa gtgttgatc gattgacgta gagggaggta 180
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<210> 27182
<211> 479
<212> DNA
<213> Aspergillus nidulans

<400> 27182

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cgccgatgcc gcgaggcggg gtggaaagga gctcccagac caggcggttca aggtgatctc 180

cttgctctcc taagcggcga ctgctgggtg cgtatccaag gcgcagtgga cgacctgaaa 240

gccatcaccg cgggccagtg gatgcgagac cggagcgtcg gcgaagacgt tgtatcggca 300

gttgcaactc ttctcgata cgtcagcgcg gtgctgggtg gcaatatcag taagactggg 360

caggttttac tgctttctgg gatgattgtg tccgctgggc tggtgttttt ggccaatgct 420

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<210> 27183

<211> 264

<212> DNA

<213> Aspergillus nidulans

<400> 27183

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gcgcgacagc ctccaaggag gtgaacaaag acgtcgccaa ggacaataac gccgacctga 180

ctacgcgcgc cactgctgcc aaggacgtc tctttgacaa gaaggatgag aaggttcatg 240

agactcaggc agatgtttac aagg 264

<210> 27184

<211> 474

<212> DNA

<213> Aspergillus nidulans

<400> 27184

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ctaggtggtc ttgcggttgc cattcgcat ttcaaggggtg gtgttgatcat gatttctcac 120

aacgaagaat tcgttggcgc cctgtgcccc gagcaaattc acattgccga cggcaagatc 180

gttgctcgca caaataccgc catctctctg gatcgctttg aagacagcgc ttcatccact 240

ccccagcccc gcagcacggc cgccagctcc gtggccaaca gcgccgccgc ctacagccgtc 300

aactccggcg ccgaggacca gggcgagctc aagttcaagg ccaggaagaa gaagaagatg 360
 acccgtgcgc agctgaaaga gcgtgaggct cggcgccgctc ttcgccacat tgaatggctc 420
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<210> 27185
 <211> 214
 <212> DNA
 <213> Aspergillus nidulans

<400> 27185

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<210> 27186
 <211> 2645
 <212> DNA
 <213> Aspergillus nidulans

<400> 27186

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<210> 27187
 <211> 297
 <212> DNA
 <213> Aspergillus nidulans

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 cccaagtcta gacttgaaaa gaggattgga ctgtctgaac cgcagacaac cttgtcctcc 240
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<210> 27188
 <211> 375
 <212> DNA
 <213> Aspergillus nidulans

<400> 27188
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 agttctactg caacagagac tgccagtccc gagacgccag tcacgtttaa cgtcatggct 240
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<210> 27189

<211> 225
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 <213> *Aspergillus nidulans*
 <400> 27189
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<210> 27190
 <211> 402
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 27190
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<210> 27191
 <211> 411
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 27191
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 tggcggccct ccaaggagag ggcgaaggag tatgaaggga gtgatgacgt gcctccaact 180
 tcgtatgagg aggagacggt tatgttccga tggggggtga gatacgaggc gcctgccgtt 240
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gaagtcatca aggcgtttga ggatctcgtg ggcggagacg aggagaacat ggagtggaaa 360
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<210> 27192
<211> 253
<212> DNA
<213> Aspergillus nidulans

<400> 27192

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tcaaggaaaa tgtgcgcact cagcatgata atgctagtga caaagaacgt gctgcatatc 180
ataccctcat ggagtattac gaaccatta taatgaacga caagtcccaa tttgccggta 240
tgactattac gat 253

<210> 27193
<211> 807
<212> DNA
<213> Aspergillus nidulans

<400> 27193

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<210> 27194
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<212> DNA
<213> Aspergillus nidulans

<400> 27194

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atgatgagga tgatgatgag gatgatgatg aggatgatga tgaggatgat gatgatgagg 300
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<210> 27195
<211> 1108
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
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tcaccctcgg ccgttttgca gggatgacac tctccagacg gccgacggga ctccaagacc 180
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cagttgctga acgccgatac ggtgcagcgg ctctgcgccc ttttttcccg ctttgtgcac 660

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<210> 27196
 <211> 310
 <212> DNA
 <213> Aspergillus nidulans

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 aactgctagt cccccggcg caatcggcat gtatgcgctc tctctcggcg tacaacggat 180
 tgatgaagct cttccggctc cagtctacgc tctctctccc ggctgaacg cctccactgt 240
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<210> 27197
 <211> 289
 <212> DNA
 <213> Aspergillus nidulans

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 gctcgaaaac cggtgcaca agatctcatg atgaagtcac tcgatattgt ctcggcggac 180
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<210> 27198
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 <212> DNA
 <213> Aspergillus nidulans

<400> 27198

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 caacgacgac accctccctt gcttttag 327

<210> 27199
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 <212> DNA
 <213> Aspergillus nidulans

<400> 27199

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 tctctcggtt ggattctcac atcaatttca ccgatgctta cgggtgtctac ctgattttcg 180
 agaagtgggc ccagtattgt cgacaggctc aaggcctccc ggcgagcct gcggcggttc 240
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 ggggcgcgaa gacatgcac ttctccctct ccgctgcggc tcaggcgact ctcaagagag 480
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 atcgagacaa ctc 613

<210> 27200
 <211> 238

<212> DNA
<213> Aspergillus nidulans

<400> 27200

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tgggaccgac gctgtagtgg aagtccaggg ggtggcggat tgcgtgagag atgaggccgc 120
tgaacccgat gaggtcctgg acggatctca cggggtgatc gtggtacata ctcgacatcc 180
caagtggtaa gaattgagtc tagattggag tttgacctgt tcaacctgga tcaggtag 238

<210> 27201
<211> 692
<212> DNA
<213> Aspergillus nidulans

<400> 27201

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gaagctgtca gccgtacaat acaaattggca aactcgagtc aagttattgt tatcgacagc 180
gatattgaca ccccgagtcc agcacggagg gctgacgatg aagatataga tgatgctgat 240
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gctcaccaga gtgcagaaga cgacgatctg aaagaagacg atggccagga aggagatgac 420
aacgttgacc gaagcccaag aatctcacta caggagaatg aacaacaaca gaagaacgaa 480
cagcagcagg agacagatga ggagggggag gactacgacg tggaaggcgg aatcaattat 540
gatatttccc gaagtcccg aatccgcagt caggacgaac atcttcagca agcagggcca 600
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agatatctgg caggagcaag ctaaagacga ag 692

<210> 27202
<211> 785
<212> DNA
<213> Aspergillus nidulans

<400> 27202

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 ccgctggact acggttccgt aagttcctgt ccatcagcat atgagaactc caaacacaac 240
 taactgtaca atgaaatata gctccgaccc caagcagttc accatcacgc tgggtcaatat 300
 ggacgggcac aacgtggatc aggatctcgc tgttgacgtt gatgcatctg aggaggagta 360
 caccattgat aaaatcgagg atattcctat cgcgtatgtc tcctagcacc ttttcctcgt 420
 cctctgcgta ccattcagtc aaaagcaatc cttcgaagag aagaaggatt catgcttata 480
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 ccggttagta tcgaatcctt cctgtctacg ttatttagct gttcgagtac caacgacata 660
 ccaaaacagc cgagcccact gccaacgcca ccagaacaca atctaacatg gccccgacag 720
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<210> 27203
 <211> 408
 <212> DNA
 <213> Aspergillus nidulans

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 ttccgatggg aaccaggcat gaaccctggg tttgactgcc gtgcattgca gcggctatgc 180
 aatgcaatga ctgccgtcaa tccaagcttt atcaaacag ggctacagtc tgattgttca 240
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 gcacagacct ccaggccctt ggaactaatc acgacatact actttgaagc tacatttgga 360
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<210> 27204
 <211> 237
 <212> DNA
 <213> Aspergillus nidulans

<400> 27204

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gctgcgtaaa ttggcctgac ggaacttttc ttgggttcgtc aagcatacgc aataaatcga 120
aaagctgacc gctacacacc tttcattcct gttcgcgact atgtaattat ttggtatcag 180
ccttatgatg gaggatttca gagcggatgg gaccaaacgc acagtccaat catgtag 237

<210> 27205
<211> 690
<212> DNA
<213> Aspergillus nidulans

<400> 27205

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ggtggtcagc ttcgacctgc ccaagtatgt caactaagta attcttgtct agtccgtggc 180
aaacactacc gtgactcacc aaatcaccaa gaccaccacc tacacaacca ccacatgccc 240
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caccacagcc ccaactggaa agcctgttcc cactggcaag cccactccta taccactgg 480
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acagcctggt acccctgccg cccccggagg 690

<210> 27206
<211> 234
<212> DNA
<213> Aspergillus nidulans

<400> 27206

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cttatcagcg ggctactgct gcttgggaca cgaaaactga gattgggcgc agcggtagcc 120

agtctgttct tcattctgat tggattgagg atgcagctta ccgcgggaaa ggatgttgcg 180
 ggggacattg tgcttggtgc ggttgccggcc ggccagcttt ggggatcggt gtag 234

<210> 27207
 <211> 668
 <212> DNA
 <213> Aspergillus nidulans

<400> 27207
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 cagcaaggaa caacttatcc aaacaaagtc ctgaaggagg ggactcgcat gcccatgtca 180
 acgacgccgg gcttgacgac gaacgcgacg gacaccggca tgaacatgga cgcagttcaa 240
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 gctcccttgg ggttgagcct acaccgcctc accctcgcg ccgtaatatg cagcaacaga 360
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<210> 27208
 <211> 243
 <212> DNA
 <213> Aspergillus nidulans

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 aagattcgag agacgcgtac aacaaagcac gagaagcgct tgaaacggct acaagcccaa 120
 tggcgtgaag acgaggctcg aattaaggag cgcgaggcgg cggagcgaga ggaaagagag 180
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<210> 27209
 <211> 787
 <212> DNA
 <213> Aspergillus nidulans

<400> 27209

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gtctttgcga gtatgttct gatgatatcc tacgagtggc agtttgggca atctgtgcag 240
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caggaggtgt cagatgatat ggaaaactac cgtgccctag agcttctcca cacggggatg 660
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<210> 27210
 <211> 1245
 <212> DNA
 <213> Aspergillus nidulans

<400> 27210

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<210> 27211
 <211> 694
 <212> DNA
 <213> Aspergillus nidulans

<400> 27211

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<210> 27212
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 <212> DNA
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<210> 27213
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 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 27214
<211> 360
<212> DNA
<213> Aspergillus nidulans

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<210> 27215
<211> 339
<212> DNA
<213> Aspergillus nidulans

<400> 27215
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agtgccgacg ggaaccaatc aggagatgga atgagctatg gcgagatgat caacaacgcg 180
gcggtcatgg tggccgtcgg gtctgcgccg accttggcag cgctgttccg ctgcccgtat 240

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<210> 27216
<211> 463
<212> DNA
<213> Aspergillus nidulans
<400> 27216

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<210> 27217
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<212> DNA
<213> Aspergillus nidulans
<400> 27217

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<210> 27218
<211> 264
<212> DNA
<213> Aspergillus nidulans
<400> 27218

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atagcggaac acgagggccc cactgccgaa cagaaaccag ctgctggcga ctctacgtat 240
gcgacagatc agcgcgagac ttga 264

<210> 27219
<211> 2556
<212> DNA
<213> Aspergillus nidulans

<400> 27219

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<212> DNA
<213> Aspergillus nidulans

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321

<210> 27223
<211> 935
<212> DNA
<213> Aspergillus nidulans

<400> 27223

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<211> 279
<212> DNA
<213> Aspergillus nidulans

<400> 27224

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gccatggcgc caggcatatc aggtataaca atcttgaagc ctgcaatcat gaaactgac 180
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<210> 27225
<211> 274
<212> DNA
<213> Aspergillus nidulans

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<210> 27226
<211> 351
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<213> Aspergillus nidulans

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aatagcggac acaagaccgc tctcgcgaa agtagcttcg gtgacgacac tatctcacct 300
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<210> 27227
<211> 259
<212> DNA
<213> Aspergillus nidulans

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<210> 27228
<211> 417
<212> DNA
<213> Aspergillus nidulans

<400> 27228

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<210> 27229
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<212> DNA
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<400> 27229

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ctaccaaga cgctcactct cccacctcgc gtcttgtcac cccatctcct ggagataata 180
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acaaacctcc ttcggttgag tctctcctat catctatgtc catcgaatgc tgccgtcaat 360
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<210> 27230
 <211> 240
 <212> DNA
 <213> Aspergillus nidulans

<400> 27230

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 agcgggtggca gtgagacaac tacaacgccg gctacaacag actatgtgac cgtctaccgc 180
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<210> 27231
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 <212> DNA
 <213> Aspergillus nidulans

<400> 27231

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 cagaattggc cgacggtctc tagattgacg acgtacctca ccattctgctt ctataccttc 240
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 <213> Aspergillus nidulans

<400> 27232

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 gataatctgt cttctgggga ggcttcgacg tctggagctg tggagagtgg tctgggggat 240
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<210> 27233
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 <212> DNA
 <213> Aspergillus nidulans

<400> 27233

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 aaggagacta ctttcattgg gatctcgatt ggaacggatg catcctgtgt cgtggagttt 420
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 <211> 276
 <212> DNA
 <213> Aspergillus nidulans

<400> 27234

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<210> 27235
 <211> 308
 <212> DNA
 <213> Aspergillus nidulans

<400> 27235

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<210> 27236
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 <212> DNA
 <213> Aspergillus nidulans

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 ggggtgttaa 369

<210> 27237
 <211> 856
 <212> DNA
 <213> Aspergillus nidulans

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<210> 27238
 <211> 540
 <212> DNA
 <213> Aspergillus nidulans

<400> 27238

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 gcggagctcc ttcgaacaaa cgagttgacc ctagccaggg ccattgaact agtcgctgag 480
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 <212> DNA
 <213> Aspergillus nidulans

<400> 27239

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cagcgtctgc gcgagttggc caagaagatg actggcgag agagtgagtg gcgtgaagaa 180
tatgtgcctg atgcgggacg agatggcgcc agttga 216

<210> 27240
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<212> DNA
<213> Aspergillus nidulans

<400> 27240
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<210> 27241
<211> 219
<212> DNA
<213> Aspergillus nidulans

<400> 27241
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<210> 27242
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<212> DNA
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 <400> 27242
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 cagggtgtag ccagagttgg atcgacgcaa gcacggacac tggcaatgaa tctggccccg 180
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 <213> Aspergillus nidulans
 <400> 27243
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 aatgcctgcg gtactggagg cgatgcgacg ggagctgatg gcgagttact gctcgtccct 120
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<210> 27244
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<210> 27246
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 <212> DNA
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 ctctgaacg acaacggcag taagcagaag agcgcgggtg aggctctcga cgcaatcact 420
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 aaccagctaa gcaagcttat agtcacgcct gtggagatgc tttcacctgc gcagagtctt 540
 gacagttacg gcgtcgactc gcttggttgc gttgaattgc gaaactggat cggggcgctac 600

ttgcatgcga atgtccagct tatgggttatt cgcgggacag ggagcatctc gcaactggcg 660
gcaattgtgg cgaaggagtc gagggttgtc aagctctaa 699

<210> 27247
<211> 264
<212> DNA
<213> Aspergillus nidulans

<400> 27247

atggccgacc ttacgacta tattcggggc ggacctatgg agagacgtaa gcaattccac 60
ggttactctg gctccaacta tacgtatcat gtaaacgcta tccatgatca cttgtacta 120
gtaacgcctt ctctgaacct gttgcagacc tataccatgc ttgatgactc tcgccctatc 180
gtgaccaact gcatagatga tgactgctct acgctcacgg ctgtaccac cacctcgcaa 240
cggagagagc gtacctttga ctga 264

<210> 27248
<211> 420
<212> DNA
<213> Aspergillus nidulans

<400> 27248

atggccgctc ttctgtatct tctgggcatt gtggcatccc tggttgcggc tgcttggggtt 60
ctacgaagga caacatattc acccgaatcg caagtgcagc tagaagttcc aacaaatccg 120
agtccgataa gcaagaagct cgcagaggcg ctaccacata ttgtactttt gcatcgtaat 180
aaggctttct tcaagtctat caactcatac tgggcccac aggagcgtga ggttatgcaa 240
gcatgcatcg ttcaaccacg agaggctagt gaggtagcca aggtcatcgg aattctcaaa 300
cgggagtatg atgaacaaga ggcgtcgtcg actagtagat ctggtgatgt cttgttcgct 360
gtccgagggg gcggtcagtc tctgttctt ggaggtgcaa gcgccaaagg aggcgattga 420

<210> 27249
<211> 630
<212> DNA
<213> Aspergillus nidulans

<400> 27249

atgggggcaa aaccagagaa gggagcggcc gccaccaaac acgagaacaa gaagaccgag 60

cggagacagc cagacaacgg ggcgcacaca gaaaaaggag cccacaccaa agggacaccc 120
 gaaaaccggg gccacgacca gaaccaggga caccacaggc cggagcaaca agcaggaagg 180
 acagaggcca agaggggagc gcagcaccta agcaccacag gagcccgccg aaggagcaca 240
 accaaagagg ccccgaccaa aaaggaacaa aggccagacg acccgccaca accaggggag 300
 gaaccaaaca aaggaaaaag gacccgaggc caacaacccg agacagcagc caagccaacg 360
 gcccaaaaac agaaggcacc gaccccaaag agaccaaacg acccccgga gaacaccacc 420
 cgcgggagcg ggccaacaac gggaccgcaa cagaaagggc ggaggacacc cagcaccggg 480
 gaaccaggaa aaaacaaagc cgcacggcca caggagcggg aggcaaccag ccggggggcc 540
 caaccaccgg gccccaaaaa aggaaacccg ccaaaccgac acgacaaaaa aaaaagaaaa 600
 gcccagcgcg ccggccaagc caaacctga 630

<210> 27250
 <211> 271
 <212> DNA
 <213> Aspergillus nidulans

<400> 27250
 atgctcgtct gtctcgccgc ggcgtcaggg tgccgctccc ggctgcgcct gggctctcggc 60
 ttcatgtctg ccctttgcgg ggctgagcgg ttgccactc gatgtttttt tctctcgtg 120
 gtgttcgcca gctctgtgcg tggctctgtg ttctggctg cgcgggcgcg tccgggctgc 180
 tgtggtgttg ccccttgcgt cgctggggc ccccttcgtt ttatcggccg cccccgccc 240
 ggggtgtggg gtcaccgttt tgatgtgtg g 271

<210> 27251
 <211> 423
 <212> DNA
 <213> Aspergillus nidulans

<400> 27251
 atgaaagtgc ctgggcccgt ggggaattgc accacagtgc tttttgacat cgccggcggc 60
 tattgtggaa actatatggt acaaacggtg gtggaaaact ttgagttcct tagccgtgca 120
 accgatcctg aagttgaaac agcatatgac aagatcaaac agcagctgac cagcgttggc 180
 ttggagcctg acccgctggt gtccaagagg gaagttgtcg agaccatgtt caaaacaacc 240

tccgaacatg ccatgccatt tccagtgcga atgctggatg atgtggctac tgcgatagtg 300
gagtatgccc agactctaag caccctggaa agtctcgcgc cggaagccct tgaaacattc 360
gtggagctgc tgcgtttcgc ggtccaggaa caagggcaat ctggcataac agcgtccact 420
taa 423

<210> 27252
<211> 447
<212> DNA
<213> Aspergillus nidulans

<400> 27252
atgaagacag actattccac gtctatcaac aaagatgatg atcggaggga gctcatggag 60
gtgtcgacag agctcatgca atacgtctt cagcaggacc gaagcctcga agtataccga 120
agaaatcaat atcaccagcg cacaccaagc tatccagaga gtataccaag tcttctctca 180
tcaaccggcc ccggaacctc agctacaagc cctcttacct tggggccccc tgactacgac 240
ggttatcttg cttcgctat atctctatcg cttctcgatg tgcctgacat ggattacttc 300
cctggagctg atatgagcgc gaatgtcatg gatggttttc ctgacctcc gtcattcttc 360
ccatctggag aaccgatacc aacgctcaa gagaatatct tgaagaccag tttcgcggat 420
tctcccgttc cggcaaattc gcttttag 447

<210> 27253
<211> 317
<212> DNA
<213> Aspergillus nidulans

<400> 27253
acctttcttt tgctctatca tcaactcctcg ttcgatgacg ggaaataccc tccccgccgt 60
atcaatgttg aattgtcgt agtccatgtt taactttcat cttgccacac ctttccaagg 120
ctcactgaca aataacgtat attagcgtg gcggcggccg taaatccgag ctccgcatgg 180
ctaatatcga tgataagaac cagaagcttg cggaggagag gaagctccc gctaaggtgt 240
ccaatacgg accggtctat attgccacag ctgacgcgaa acctaataat gacttcaccg 300
attatccatc cgattag 317

<210> 27254
 <211> 371
 <212> DNA
 <213> Aspergillus nidulans

 <400> 27254

 atctacggcg cggccacgaa acaggtgctc tgctcgccat gacacgcaac gcgagacgtt 60
 gggctcgacac cgaagggcgc caccgcgtgc ccaatgccgc tgacgtcgtc ttcctctgga 120
 tcccattcaa accggagtgg tttgcgcccgc gcacctcaac ccaggagaca atactgcttc 180
 tcgcacgcga gattcgcacc cagttaggac cccatctgac ttcgccccat tatactctcaa 240
 cgctctcctt cacggcagac agggtgattg ccaatcttgc cggagagggc gagccccgtcc 300
 catcgcccca ggcgcggggt ttctcgccgc agggcgcgct ccctcttcag agggattttg 360
 cgtcgtccag g 371

<210> 27255
 <211> 246
 <212> DNA
 <213> Aspergillus nidulans

 <400> 27255

 atgccggtcg cccagcccat gcctccgtat acgccgtacc cgaacgccgg actgacgac 60
 gccagcgggc ctacaatcgc ggccgagttt cagaccttaa aggtagatat ccggagcttg 120
 cggatggacg tgcaggggtt gaggcgggaa atggctgagg tgcgacaaga gttgaacacc 180
 aagctggact tgattctgca ggcgctgcaa caggtcaagg cgcagactga ggcaaaggaa 240
 acatga 246

<210> 27256
 <211> 502
 <212> DNA
 <213> Aspergillus nidulans

 <400> 27256

 atcttaagcc aggttcagca ggatggcgcg agtattgtgg tcggtccgtt gctgaaaaat 60
 aacgttgaag agttgctgaa gagcaacact ccgctgaacg tactggcact gaaccagccg 120
 gagaatatcg aaaatcgcgt caatatttgt tacttcgcgc tttcaccgga agacgaagcg 180
 cgcgatgcag gtactatatt cgtgaccagg gtaacaagc gccgctggtg ctgatccac 240

gcagttcatt gggcgatcgc gtaccacatg cgtttgcgca agagtggcag aaactgggcg 300
 gcggcaccgt tctgcaacaa aaatttggtt ccaccagcga attacgcgcg ggtgttaacg 360
 gcggttctgg tattgcttta acgggtagcc cgattactct cagagcgaca accgactccg 420
 gcatgacgac caacaatcca acgctgcaaa ccacgccaac cgatgaccag ttcaccaata 480
 atggcggtcg tgtcgatgcg gt 502

<210> 27257
 <211> 312
 <212> DNA
 <213> Aspergillus nidulans

<400> 27257
 atggccaatt caacgtcttc cgataacgaa cctccttata tgagggcttt gaatgctgcc 60
 aggaatggcg aaaaagggtgc ccttgaaggt cgagatggag agattctagc gtcagcccg 120
 gactcaatat ggcggaaagt tgaaggcaat ccgaactact tgctgaatcg acatgaattc 180
 gcattgttca actattaccg acaatactac gagaagaccc cgaaaaacaa agaaatcgcc 240
 cggaagcggt ttgcgcggtt ttgggacaac tattcagaag gaccttcagg atctggaacg 300
 gccaaatcat aa 312

<210> 27258
 <211> 518
 <212> DNA
 <213> Aspergillus nidulans

<400> 27258
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 gctaaggcaa atagttccgt cgtcaagggc aagggcgcgag aaatcgagca cgtcgaagcc 120
 cttgcaagcg gtggcagcct cgtgaaaggg aaactcgga aacgacagcg tctgaaaagg 180
 cattttgcac gattctggtg ctgttacctt ctgcgcggca ctatcttcct cgccattttt 240
 ctgccggtct tgtatgttcc agttcaaccg tattcgcatg gcagttaatt gttgagacta 300
 acaggcacga atagcttccct cgtcgccatt cctgccatag cccagcgcct tgtcgaagat 360
 acctcgcttc ctgtctacgg cgcgcacatc acgaacccca agccggacgc gttgacattc 420
 accctcgact caggacttag cgtaccactc ggcctaagcg tgcggcttga tcccttcaag 480

ctagatcttt tcaaccgcga ctccgacccg gagataac

518

<210> 27259
<211> 539
<212> DNA
<213> Aspergillus nidulans

<400> 27259

atgcagggtga gaggttcct gttcctggca tacagcctca ccctagttgg cccacaggct 60
gtggccagggt cagccgctga caatcccgac ctcttcccc ggcaacacca acagttgagc 120
gtcgccgaaa tccagcgca actcaacagc atcctctcac cgagatctat tattttcggg 180
gtagacgatg cccgatacgt gaacgcgacg aagccttgga atactgttgc cagccgcac 240
atccagcttg tcatccagcc gggcgaggag gcggatgtct ctacaatcgt gcgtctcttt 300
ctctccttg attcgtaata taattgatag tgcataagta tcatactgca atgaaaataa 360
tgtcccttt ctgcacgcg accgcgcca cggcggcgcg tcctcctca atgccttcac 420
cggcatcaa attgacctct cccctttctc agagatcaca attgactcct ccggcacctc 480
tgctcgtttg gaggtggcgt ttatggcgga caggtggttt cctacctctg ggaccgggg 539

<210> 27260
<211> 215
<212> DNA
<213> Aspergillus nidulans

<400> 27260

aacgacgacg caaaggacca gtatgagaca ctgctcgggc tcgagagcga cagggcggct 60
cctgcgcccg gcagtatcga gccaggttc gaggcggag tcgcggttga cgcacagctg 120
gatatcctcg tcaactccgga agccaatatt ggtatcaaga ttggcggcgg caaactggtc 180
ggcggcgcta ccctcatgga tgcccagttg accgg 215

<210> 27261
<211> 461
<212> DNA
<213> Aspergillus nidulans

<400> 27261

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atcactccac cgcacgggtg tttccttcca acctggaaag tcatcagctt caactggtac 120
aacggctccc acagcctcga ctgcatccac aatgaagccg acatcaacac gaaaggctgc 180
ctctgtggcc ggggctggtg ctccccagag ggcggaggaa ccgcctgtac cgcgcaagtg 240
gcaactgggt caacgtgtgc tacacgggca tgccaaacta tcagctgtgg gggtagggcc 300
ccccgcagac cctgaccttt gagttcgcag acggtctatc ctgcgccgac cagtacatcg 360
ggtttcgggt gcatgacatt ggtaatggcc cgagtaactg tggctacgcg gaccgtggcc 420
agggacgcat cgtctcgttc tacgggactt caaatgaggg t 461

<210> 27262
<211> 615
<212> DNA
<213> Aspergillus nidulans

<400> 27262
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tcgcataatg tttttactga taacctatt gtcactggcc cgcgcacgag cagggtcaaag 120
aagaggctcg tggagataaa caccagcgac gaagaagaag agcaagattt agatgaccag 180
gaagaagacg aagttgatga tgaagatgcg cctggagaag atgatgaaga tgaggatgca 240
gacgcagatg gcgatgtgga tatggacgac gctccacctc aaccgccagc atcaagaaga 300
cacgccaagg ctgctgtaac atctgcgcct agagggaagc cggtaaagag tgttgaggaa 360
aaagagatgg agcttgatga agaggacgat gaagaggatg aagaggagct atcagaacct 420
gattcgaatg cggatggtga agccgatgac caggaagaag gagtgcgct caacatggat 480
gaaaccggtg agcaggatga ggacgaagaa gacgaggagc tcgacagtga cggtgaaatg 540
ccggatatga gcaaattgac caaacgacaa aggggttctt tgggcaatga cttcctgcaa 600
ctcccaatgg gtttag 615

<210> 27263
<211> 202
<212> DNA
<213> Aspergillus nidulans

<400> 27263
atgaacttct cctggctcgc caccctcgct ctattggca ctgccatggc cgctggaaaag 60

actgtaagtt aaaccgggaa gccggaggat ctccgagccc gacatatctt ggtcgttggc 120
atgtaacgca tcccagctcc cggccgggtgc tccttgactt aaggatggaa agatggggtc 180
ctgcgagtct ggtgtttgca tc 202

<210> 27264
<211> 984
<212> DNA
<213> Aspergillus nidulans

<400> 27264

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accctccgcc gccgtatgat gaagtgattg acgatctgcc tcccagtagc tccgaggccg 120
cgccgctagc tcagcagaaa tgccctggccc aagacgtgga cttggaggaa aagagcgatt 180
cgagaaacaa gtcgtcgcat caaactatcg acttcgagag ccctatcggc attagggagt 240
ataaaggcaa gaagaaaaag ggagggggcg cgaagaataa cccgcccccc cctgcgaatg 300
atccgcctcc gccgccacca cccgaagaaa aaaaggatcc accggacgaa ggtgccggtg 360
atgcaggagg ttccggagat ggaaatgatg acgacggtga taacggtggt gacggtggag 420
acgaggatga cggctggggg gatgtttggg gcacaacaac taaaagaag aagaagaagc 480
agaaacagaa agaagaggag gaaaggctaa agaaagagga ggaagaacgg ctggctaaag 540
aagaggaaga gcgtaaagct caagaagagg cggaacaaaa agccgcagaa gaggccgcat 600
cagcccaaga tgcagcactc agctgggagg acgacgctga tgcgaacaac gacgactcat 660
gggctggagt tgggtggaaag aagaagaaaa agaagggcaa ggtaggtatt ttgtgtatct 720
actactaaag cgcttgatat tgactgaatt agttggaacc aggcggggccg gagccgccgt 780
cgaattcctt tcaagacgtg agtctgaacg atggagcccc tcagctcgat ttgaacttcg 840
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gaaaaaacac gaacccatgg ggcg 984

<210> 27265
<211> 229
<212> DNA
<213> Aspergillus nidulans

<400> 27265
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 acattgacct acgcgcgccg cacggctagc agtcgtgttc agatcgggtt cggcctgggt 120
 agcggtatag cggtgcgtcc gttccgacct gcacccgggt tctcgtcatt ccctgggtgc 180
 gatgggactt ggccgttcta caccggcttg gggggatttg ttatcgatt 229

<210> 27266
 <211> 273
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27266
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 gcctactggc tgctcttcc acttaacttca ttcacctact ctctgcatct tcttctgacc 120
 gcttttgcca cgccgcatca tctttaacttc aaggcggaaa tacctgctac tcacccaaat 180
 tttgctgccc cccaccatc gtaccctcta gaaaactgtc ccacccatgc catcttcccc 240
 cccacggctc ccgcctctgg cgtttttccc tag 273

<210> 27267
 <211> 479
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27267
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 aactggaggc agaagaggcg tctcgacaag cagacgagct gattaacttc gatgaagccc 120
 ccgcgtctcc cggtgtggaa gaagccaaag cgcctgcagc tcccgaagca gaagctgttg 180
 accttgcgcc tgcgcctgag ccagctgagg ctccggcgga ggaagcggca gccgtcactg 240
 ttgataagac agcgggaagat gaccccaagg ccgccgaacc agaaactcca gctgaggcgc 300
 aacctgaggc cattgaagaa gcacccgcac ctacggttga ggaagctgca gcggcggagg 360
 aaccgtcaat ggagcctaca aaggagcctg aaccgagcga ggctgctccc gtagaacagg 420
 ccacagaaga aactccaact gacgagggtta aggagccgga gcattgcagt cgctcctaa 479

<210> 27268
 <211> 369
 <212> DNA
 <213> Aspergillus nidulans

 <400> 27268

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 tctgtcacga aacacccaaa aaccacaatc gacgtgaata tcgtcgagat cactccatca 120
 gaccgtgaca tttcatcctc atctcatat tcatctgaaa tacagataga tgagctagag 180
 aacgaacgcg cccgcctccg ccgccacatc ggctctgatt ctgcacaccc accgcagtct 240
 caacctctct tcttcatcga gcgagtcccg gacacggaca cagcaccgat tccatgtagc 300
 cttcccggtt gtagggaggg aattgccccg ggttcacagc ggttggctct gaacccgggc 360
 atgagtggg 369

<210> 27269
 <211> 317
 <212> DNA
 <213> Aspergillus nidulans

 <400> 27269

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 ccagggtctg tctcggtaaa taggtccag cgatccagaa cagcccgaac agagaaagaa 120
 tctccactc acggccggcc gacttggtga ttgcggattg cttgctcgcg gtacattcca 180
 acgccagggt cgcattcttt ggctgcgga gcaaatattt gcgcgggctc gccgtcttac 240
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 cttccaggcc cagcatt 317

<210> 27270
 <211> 315
 <212> DNA
 <213> Aspergillus nidulans

 <400> 27270

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 tcgtcaggga ctccgcagct gactcccat tgtgactctc gcaagttctg ccaatccaag 120
 atcagggagc tggcagcggg gcatgatgga gcggcagggt acgtggtggg cgctgggccc 180

acgttggcca aagtccagcc gattgtcgac gtcgaggtcg gcataactaga gaggggagag 240
 aaacatcaac ggcccaagag tacagacgcg cggagtgtgg gatgtgtgat ctggtggaaa 300
 tttctgtgcg gctag 315

<210> 27271
 <211> 341
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27271

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 cgtctgtggc ctacgagatc ttttaaggctc atgacttgaa catctcatct cgttacaacc 180
 cttcaatcga tgattccctc ttgattgggt cttctgtctt tggtagtgct ccttatggag 240
 attactttaa gttcatgaag aagctcctgg ttactaagct gcttggacca caggcacttg 300
 agcgggtcaag aggcattccgt gcagatgacg tccgttacta g 341

<210> 27272
 <211> 465
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27272

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 tgggtggtta tcaccatcct aggggccgtg actaccgtca tcgctggtct ccttgccctc 120
 atggagggtc gtggattgcc acaacgtcac cggaaggatt tggttgagat tagaaaagtt 180
 cagacgtata ttgcaggagc ggagattaag ctgaaatatg gcgatcgcgc tcgtgcagtt 240
 cgagacgtta atgcttgcac cgagaaagcc cgcgcccggt acgagagaat gcagaacgtc 300
 atagacatga atcacctga ctcttatcag gatgggcccc agttaaaagag atgcaaccga 360
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 agggccaccg gagctgacga ggaaggtggc cttggaggca gatga 465

<210> 27273
 <211> 273

<212> DNA
 <213> Aspergillus nidulans
 <400> 27273
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 caggagatcg aacagcagaa gccctatcga cctgcccgat ggcagagtaa cctgacgatt 120
 ttgagttgtg taagtgttcc cttaaagcgc cataggagta tcaatcaacg cacagtcatt 180
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 atcccacaaa tgtcatcttc aagcacctgc tag 273

<210> 27274
 <211> 306
 <212> DNA
 <213> Aspergillus nidulans
 <400> 27274
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 ggaaggactg gaccggccaa tttcaccagc tccatccgcg ctggactgct cgcggcgtac 120
 ggcgactctc atccgatcag tatgggcggc gtattttctcc tcaaggcggg aaaggccaga 180
 ttccatgtca tgccggactt tctgtctcca gagacctgcc gttcaaagat cggaggtcct 240
 agagcaggag tggctaaagt atcataccag cgaagcgccg gtggtttgct tgaccgtctt 300
 ccatag 306

<210> 27275
 <211> 510
 <212> DNA
 <213> Aspergillus nidulans
 <400> 27275
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 cccacacagc cagcctacac cagatccgcg aatccgctac tacaatgatg cccaggccca 120
 atcccgcgga caacgtcaag cgcaataaag caaccggtgt ctgcattgat gcgaacgatg 180
 cggagattag ttgctctaac ggagctgaga gtctgcagct gctgtttcaa gacatcgctt 240
 ccgacgggct acctcacctc actgccgcta cgtctgagag tcctagctct aacgggtcga 300
 agcttccaga gatggtgccg ggatccatct acaagaacac agccagtggg cagacacgctc 360

tccagccatt gcagccgccc gtcggcatgg gaccgctcgt gtcgaagaag aagaaccttg 420
ccatggctgg agttgacccg gatcgacacg taccgcgac cctaggcggc gtcactctga 480
gtggcgatga gatagacgag atatttatat 510

<210> 27276
<211> 222
<212> DNA
<213> Aspergillus nidulans

<400> 27276

atgtcttcca ccaacaagtc ctctccaaag accttcgacg acgcttcgtc gacctactct 60
acagcctcga cttccaccgt catgaaagag aaggaggagg ccaagcacia gtggcagaac 120
aagaacaaga gcaacgccag caacgccagc aacgccgact ccaagaacia ggacgcagcc 180
ctccattacg aggccatggc tcattaccta gctttccgat aa 222

<210> 27277
<211> 534
<212> DNA
<213> Aspergillus nidulans

<400> 27277

atggccgata tcgaagcaga agtccccgaa gccggtcacg gtcacctcga cgaggacgct 60
actcgcgga cggttctcgc tcgcaacggc cgagccggtc atactacca gttcctgcag 120
ctcctgctcc tgctcagaac cagcggtact cgcagcagca acacgactcc tacagtcaac 180
gatcattcgc tccacaacct catctcaag cgccacaaat ccatcacgta ccgccgcaga 240
acgcatttcc tctccacca ccgccaaact atcaaggcgc gtggccgccg cctcctccac 300
cccaaatgcc caactttccg ccaccatttc cgcagatgcc acacatgcag atgccaccag 360
gtcagattcc gccccgcga gggccgccgg ggtcatatgg ttttctctct ggcggaagag 420
gctggcatca acaacctctt ccgccgccgc cgtccggacg gggctggcgg tagctatggg 480
tctactgtag tgtacgatag tcatgatatt gataagcttt caactggaca gtaa 534

<210> 27278
<211> 525
<212> DNA
<213> Aspergillus nidulans

<400> 27278

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gctccagctc ctcagcctga agttccctct accgagcctg agcagcaaca accagcagca 120

gacacacctc aacctgaggt tccctctact gggcctgagc agcaacaact agcagcagac 180

acacctcaac ctgaagaggc gcctgagctg ccaactgctt ctacgacagg agaggagcct 240

aacccccctg ctaaatacaga ggttacgacc cagggttgctc cagagatagt accagatctc 300

aaaccggtac ttgagtctgc gccggaaaga gaaccagagc cagagcaaac gcagaacatc 360

gagcaatccc agacgccgtc tgacccggac attccttctc aaacaccgtc cgaagacaat 420

gatttcactg aaataaccaa acacgacact tcgtcaaata aacctcccgg tatgatcgat 480

accagattg agcacaacca ggaacctagc cagcagcagc taggc 525

<210> 27279

<211> 307

<212> DNA

<213> Aspergillus nidulans

<400> 27279

atgcgtttcc tccctcttct cttaacagcc ggcctgggaa gtctccagct ggccgctgcc 60

cgctgcggtc cccgcaacct ctcagagcgc gtgcacgctc agcacaggta cttcctcgat 120

atggaagacc gggaggtctc ggcccgcgcc agtgtcggcg taactacgcg cgaggccttc 180

gatgtgacaa ttgacacctt cgtgcatgtt atcatcacca actccactgc cgggatcaat 240

atgaccacct tgccgtccca gatcgacgag caaatcgacg tgctgaatga gaactacctg 300

ggcactg 307

<210> 27280

<211> 321

<212> DNA

<213> Aspergillus nidulans

<400> 27280

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agagatgtcg aggcgggaag agaggacggc gaagacgtgt ttttgctgag agttgagctg 120

ccgcggggagc gggagcggga atgtcttggg attctggctg acggtgttgg tgattgtgat 180

tcaggcgcag atctagaaga tgtcgatgga actgtgagag agggcgaagc agaagaggat 240
gctggtgtcg atgagcggga ctgggagcgg gtgatgcggc gggtagccgt gattccagtc 300
gtcatcgctg atacattctg a 321

<210> 27281
<211> 373
<212> DNA
<213> Aspergillus nidulans

<400> 27281
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tgtcttcacg cccaagggga tggccaagta tcttgagcgc caacagtcag ctctgatca 120
tctcaaagac tttttctgct tagacgagtc ttaccgatcc atcactgact actgcggcgg 180
atttggggtg ggaccaagcg cccccagtca ctcatacaac gtctttgtcg ctgatgcggc 240
agatccagag gacgaaaagc gctgcacggc gttcaacggc gtgcaaaaca tgcaggagct 300
tctcgagacg gaccggccac aaattacagt ccaggtaacc cggtttagtg atgctaccct 360
gatcaccttc tct 373

<210> 27282
<211> 330
<212> DNA
<213> Aspergillus nidulans

<400> 27282
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gtcgcgccga aacttccaac tggctcttggc cttgagaagc ggcagactgt gagtatatac 120
tttattccag catctgttta ccttattttc tccgtccggt aggcctatag tcgagaagga 180
gtagagtata gattttctct acataacaaa catcttacgc tccctgtaca gcccactaa 240
acaactatca tactatagca gtgctccatg cttccctgcg acgaaaacac agcgatcctc 300
tgcagtctcc taaattgcgg gacttgtgag 330

<210> 27283
<211> 245
<212> DNA
<213> Aspergillus nidulans

<400> 27283

gcctaagggg gcgggattag acgtcgcgag gctcgtcgtg gacgaagagg ccaacgctac 60

tttggtacgt gccccgactg tggttggtag ctaagctacc agcgacggtg ggcccagata 120

cctggaacaa gtggaacttt ggagctgaca tgttcgccat ctttttagccg aactttattg 180

agaacacaaa agaccccat atcatcaagc gtgcggttat cacaatcgcc cggagccctg 240

aggaa 245

<210> 27284

<211> 225

<212> DNA

<213> *Aspergillus nidulans*

<400> 27284

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ttgcgacctt ctaatggcgc cggcgaaagc gtatcggagg gagaggctgt gctgcggcgc 120

ctgcaacaag cagaacagtt tgcgcagtat gcgcgcgcac agaggatgta tgcgatgctt 180

gttgaccggt ataaccgga ctctctgatg gacgaggagg agagg 225

<210> 27285

<211> 903

<212> DNA

<213> *Aspergillus nidulans*

<400> 27285

atcaaaagtg gttccgaatg gatctctaca ccgaagctgg ttggtgctgc cacagaaggt 60

ggcagtgggt tctttgaggt caagtacttc aagcgaaacg catacctggc ccaaagccca 120

caattgtaca agcagatgtg tatcgtcgtt gacatgcaga gtgttttcga gattgctcct 180

gtgttccgcy ccgaggagag caacacgcac cgacacttga ccgagttcac cggctctgat 240

tttgagaaga ctttcagctc tcaactatcac gaggttctcg aatttgccga gcagctcctc 300

gtattcatcc tttctcagct caaggagcga tatgcggacc aaattgcat tatccagaag 360

tcctaccca aggcaggcga tttcaagctc cccaaggacg gcaaggccct gcgactgaac 420

tatatggacg gtgtggcgct cctcaaggag gcaggcgttg atgtgtcaga acaggagcgc 480

ttcgagaacg acttcaccac tgctatggag aaacagctgg gacagatcat ccgcgaaaag 540

tatgacaccg atttctatgt gctggacaag ttccctatgg ctgtccgccc cttttacacc 600
aaggcctgcc cccaagatcc ccgcttctct aactcctatg acttcttcat gcgtggcgag 660
gaaatcatgt ctggagccca gcgtattcac gatgtgaagg agttggaggc ctctatgatt 720
gccaaagggcg tcaaccccaa ccaggagggc tttgaagact accatgctgc tttccgccag 780
ggctgccctc cccacgccgg cgggtggattg ggtttgaacc gtattgttat gttctttctt 840
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taa 903

<210> 27286
<211> 525
<212> DNA
<213> Aspergillus nidulans

<400> 27286
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gattctgcca acgaaaatga cgattccctt gtcgaaggcg cagagcctgt ctctccatct 120
ccgactccca aaccaaagcg ccagcgcaag accgccccca agccgcaagt tgttatcgag 180
aacgaagctg aaatggatca gtaagtatgg caaccttctt ccgtgttttag gtcgaccatt 240
gtttttcttg gaaaacacag caccggggccc gattatgtat tgatataata cagtgactct 300
gacgattcct ccctcaagcc tgagcagaaa cagctcgagg cagacctcac caacgccatc 360
aaagccgagg gccaaatacac cccaagactt catcgctgga aaaccgatga agaacaaatc 420
atgacggaca tcaacctcga tgctgaattc gaggaaatgg agcgcaacaa gcagttatct 480
gaagcccggc gtagcagtgc aaagcttgct cctttgcctg aatag 525

<210> 27287
<211> 312
<212> DNA
<213> Aspergillus nidulans

<400> 27287
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ccttctcttc catcgtcact tggcgtcaat gaccggcaga cgcgtgccga gtttgcccc 120
cctccttctc cggctcccag acactctcca gatccaagag tccagcttaa gacgaacgtg 180

acgattcgtc cagcttttggc acgccgccct acgatgagge aaataaaaaa aaaatcagtg 240
atcctgcggg caatccccgac gacccggggtc aagagaatth tccgcctcct cccgttgcct 300
tccctgggct ga 312

<210> 27288
<211> 274
<212> DNA
<213> Aspergillus nidulans

<400> 27288

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tcccaccttg ggcactgtac ttgcttccct ggccttccctc tcttccctcc cgagacagtc 120
tatgtcctgg ttctccaccc acgaaaggcc tttctcccag taggcaaacc ggttgcctct 180
gtacgtgaaa tggaagtcct cccaccgatc ctccgcaagg gtctgcatat attgcagcga 240
gctgccagge cacagcgccg tgattttgcc agtg 274

<210> 27289
<211> 315
<212> DNA
<213> Aspergillus nidulans

<400> 27289

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caccacattc aaccaggcta tctactcct cagagcacg tcactataga accagtgaac 120
acagcacata tcccgtcact ttctogaatt acgagcctgc tcttgcccat tcgctatcaa 180
aactctttct acaccgccac cgttacggat cctgtgatcg cgtccgtctc gcgtgtggcc 240
atctaccatg atcaccgggc cgcctttgcg ccagcggcag ctattgcca gtcacctaca 300
acaggaacag ataaa 315

<210> 27290
<211> 426
<212> DNA
<213> Aspergillus nidulans

<400> 27290

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ttcgctgcc accctaagga tagcaagtcc cgcggtctccc tggaaacata taatatcatg 120
 cttgaacgat caaatgatac atttcaatgg aaagtcgacg caaacgagct ggaggcaatt 180
 ctagggctat ggacattctg gctcttgaag tacgatgcga agtggtcgca gaatggcctt 240
 ggacgagtag tgggattgac taaagaagag gccaaagctg aaacaacaga tctatacttc 300
 cacaagtgga ttttccgaca gagggaggca atgatggtat catcaaagat gatgtccttt 360
 ccagggcaga ctttcgggta cttttccgat gattaccgg atagcaaggg agattctttg 420
 tcgtaa 426

<210> 27291
 <211> 204
 <212> DNA
 <213> Aspergillus nidulans

<400> 27291
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 ttggagccgt ccccaaactg tctgtctggc agcatcctac ctttctctgg aggtttgtag 120
 tctgtagca gcacgtcgc gtctacctac tctgctaaga ttatgcaggc cctgggctat 180
 catgcctctg gctggatact tgca 204

<210> 27292
 <211> 1564
 <212> DNA
 <213> Aspergillus nidulans

<400> 27292
 gcgtttccat caatgattac aacgcggaga gctatcgcca tgccgtccat gaggtggatc 60
 taagaggtgg ttaggatcct acaccagtgg aaaactgagt gatgatttag cgacggacct 120
 tttcggcgag atctacaaaa caaagtacgg tagttcaatc ccgaacgaaa agtggcgagc 180
 gcttgccgag ctcttactta atcaggggtgc cacggggcag gtcgtcgacg aagcgctgat 240
 agaacggggtc agggctagag acctcgcaag tgtgaagcta ttgctacgag aaggcgcttc 300
 tgtagattat gacaacgccg ctgctcttga tgatgccgtt gcctcgca atgaagagtt 360
 cattgacgct ctactgcaat atcagccggc agccgagtcc gttaactctg tcttctggcg 420
 cgtagaagat cttcctcata gtgtccaagt gcgcatcgcg cgcaagttgc tcgacgctgg 480

<210> 27294
 <211> 359
 <212> DNA
 <213> Aspergillus nidulans

<400> 27294

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gcgtctttac gttgctaaga tcgatggaaa aatcgccggg acagcaggac tagcactcat 120
caccacatct cttggcaaag ttgctggagct gtatatcgac agcacgcttc cagagttcag 180
ggggaggggg gttcaagtgg cattattgaa agctagactt gctgaggcga agagagatgg 240
gtacgatatt gctgctgtga caacgtggcc tgggtggtgtg agtgcgagga atatggaaaag 300
ggtagggttt aagctggcgt ataggaagga tgtttacact cctgggttctc ctggttgtg 359
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<210> 27295
 <211> 369
 <212> DNA
 <213> Aspergillus nidulans

<400> 27295

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gcagtcacaa gaagttattc ctgtgaagtc aacaagaccg cgcgagacga agcaagaaaa 120
aaatccaggg gaagcggtag atcaggagca caactggacg tgcgcccagg gcgtttcaag 180
aaggtaaacg taggagaaga agcggactgg gtgtgtagaa gcctcgagag tcgggagatt 240
atcgagagaa tagaaaaggg agaggggaag ggaacgaaga agcgagagaa gtggaaggac 300
gatgaggagg cagagaaagg cgatcccaa gtgggaagcg ggaattggaa ccacggggcg 360
ggtacctag 369
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<210> 27296
 <211> 474
 <212> DNA
 <213> Aspergillus nidulans

<400> 27296

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ttcaaagggc aaacgacgcc aggtaacgcc ggaacaagga aaggaccg ggcgagacgg 120
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gacagagggg aaaacaacca ggggaagaaa caagatgaca agcgcacagg ggcgaacgac 180
acaaggaacc ggggcgaaca gaagcccagg ccacgaaccg gaagggaccc ccaaaacggg 240
aacccaaaga gcgccgtgcg gaatggacgg ccacagggga accccagaca agcctcccca 300
aaaagccaga ggaccacctc tggaacaaaa gagccgagcc ctcagaaaag acacccccaa 360
gcggggccca ccggaaggca cccgccaggc caaggaaccg cccaaccccc cggggccaaa 420
gcaaagcgga actaccccgga gaaagagaag cttagcacc aaacccttt ctag 474

<210> 27297
<211> 243
<212> DNA
<213> Aspergillus nidulans

<400> 27297

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ggggaaacaa agccccggcg cgacgattcc atcgagctca agcgagagat aacgcgcttg 120
aaaattgaga acgatctccg tgctcttgca gagtctcgag agattcaacg gctccaagct 180
gaggtgaagc gcttgggaag gctcaagaca gaattgaaca gagcgattga ccggttgat 240
tag 243

<210> 27298
<211> 484
<212> DNA
<213> Aspergillus nidulans

<400> 27298

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attcagagta acgttcgggc tcttaaggta tgatatttcc cgcaagcaaa ctggtctcgc 120
atatcatgaa ctgactgttt ttggaagggt acacaagaga ctgaaattga gctcgacatt 180
gatgaacttc ccaatgatgt tctttggatg ctgctcaagt tcgtgaagaa aaacgcacct 240
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accgaagaag aacaagccca tgagcaagta cgaacaggaa gctcagatta atatgctcga 360
aagcaacctc tcacgcttcc aagggggtgg gcacggtcgc tctcccgaac cagttccttc 420
actcgaggcc aatgatagca gtggtgactc tgaggatgat tctgaagaaa gcgaagaaga 480

gtaa

484

<210> 27299
<211> 984
<212> DNA
<213> Aspergillus nidulans

<400> 27299

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aatcctgatt acgcaaattc atctttcgac cccgtcgact tctcaacga cactctcccc 120
ccactgagtc tccaattctc acagtttcaa tcccaatcaa acccgcggtgc cgtcaatctc 180
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cactcaagca cgcttacttc tcttacggat gaaatcatcc gcagcggcaa ccggtcgcgc 300
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gacgaatcag atcccacaga gcgaggagaa cacgagagga aaaagagcga accggagtat 480
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gaagctgcag cgcgcagggg ggaggctcta cggacactat ctttggtgtg gaaggggaca 780
gcggaggaga aggcgcgggt gaggtttgtg gacggattag caaagctcgt cgaggagcgg 840
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cgagaggaga ttacttgga atga 984

<210> 27300
<211> 611
<212> DNA
<213> Aspergillus nidulans

<400> 27300

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gccgactgca ttgtcccca ccaacaagtc ttctcccaag cagcggtcga gatgatgtgg 120
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 gtgcattctg tcataatgaa gctcgctaata gagggcagga tatcactgag gaaatcatca 360
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 ggcgatatct gggccggcgg ctggttcttg gcgataact cgcggagctg tgtgcatcct 480
 gtcaagagag atgcactgcc tgttgcttcc gttcctgttg gggatatcaa tgctgaaatg 540
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 agtccgacga g 611

<210> 27301
 <211> 533
 <212> DNA
 <213> Aspergillus nidulans

<400> 27301
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 taccgctcgt ggtagcaatt taccctaaag tctacgcac ggcctttgtt ctgctgaacc 120
 tgcacttgcc cgattcccat ctcatcagcg aatttcgcgc aacaatcacc tcccttggcc 180
 gtgaatccgc aacgctcggc cttaccacta gcctcttcaa tgacatgctc tatttccact 240
 ggcgcgtcac gcatgatttc cccgaggtca ttgcgttatg ccgcgagatg gaagtcactg 300
 gtgcgcagcc caacatcggc acgatcaata tacttgaggg tatcgtgcgc gagcgcaatg 360
 aagacctcgt gaagcgtcag tcgggagaga cctcggagca gccatggtgg gatttccccg 420
 ataatcggag ggctatgcgt aaattgttag gggaggacgg gatgcttgag aggttcagga 480
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<210> 27302
 <211> 777
 <212> DNA
 <213> Aspergillus nidulans

<400> 27302

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gtcgacccgc caggagaagc taaagctgat ctcgacatat tcctcgattt tgcgcaaagg 180
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tttgaagaat ggaagaagat gtcctacggg cgcccccttg actgcagcga cctcacgtat 300
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aaggagcggc tcttcgacga tggcaagttc ttcacggaca ccgactactg tgagagctac 420
ggccacgacc tggagaccgg gacgccgtg acgaaggggc aatacagggc gatgaatccc 480
gccggacgcg cgatattaaa ggcagcgcat tatcggaagc cgtgggaatc gccagacgag 540
gaatttccat ttacctctc gacaggccgg aacgtattcc atttccacac ccggacgaag 600
acaggtcgca gcaagaggct gcagaatgct gacaaggatg cctgccttgt catctgtcag 660
gcagatgcag atgagctcgg cgtcacgaat ggggagatgg tgattgtcag atcaaggagg 720
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<210> 27303
<211> 329
<212> DNA
<213> Aspergillus nidulans

<400> 27303
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tgatggctgc taagcgtctt tttagagagc accccttctt catcgctcgac tgggggtattg 120
aatgcgctaa acagctctat tggaaactggc gcacaggcat taaggctcca gacttgcaat 180
tcacctgctg ctagggaaga cccgagccat gactggggcc gagcaggagc gacccgccgg 240
ttctcacaca tcgccgacgc agtcattgca aggaataaaa atggagattg aactgggtcaa 300
cacgagcccc aatagacaca gtctgaag 329

<210> 27304
<211> 282
<212> DNA
<213> Aspergillus nidulans

<400> 27304

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ggcgttacgg gcgccgcaac tcgcggactg ggcgatacag tgaacagtgc taccggtagt 180
tcggggaggc ctgttggcga tgctctggga aatgtgggga cgggattgga ggatggactt 240
aaaaggttgg gaggggggtcg aggatgcggg acaggggaat aa 282

<210> 27305
<211> 226
<212> DNA
<213> Aspergillus nidulans

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tcttctcagg acgggaggct gtggaaaagc ataattcttt tgctcagagt gaggggttca 180
aagagtttgg ccgtatcaga gactatgtcg aggaagttga gataaa 226

<210> 27306
<211> 249
<212> DNA
<213> Aspergillus nidulans

<400> 27306
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ggcagctttt tctgacgga gagctatatg aaactttatc atcttgaaag gcggcgccac 120
aggacctcta atccagccat ctggggctct ctggagccgt tcgacagtga cataaccaaa 180
atcggcagcc acgacattga cgaaacaagc aatgacaagg gagagtgttc ccgcgagaaa 240
agagagtga 249

<210> 27307
<211> 505
<212> DNA
<213> Aspergillus nidulans

<400> 27307
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tcggcgagcg agctcgaaga agggaagacc ctcatccagg agctgacaac gagtgtgaag 120
gatggtcagg agcatgaggt ttcgttccag gtatgcctcg gttatgtctt gtttgtatat 180
atattatcga tgatacgatg actctgacct gactatgggt tcaggcggag atcgagaggt 240
taaaaatgga gttgtccact tcgaaagacc tcgagaaagg ttatgctgag aagatcgggc 300
tcatggagat ggaaatcggg ggattgcagg ttgacaagca gacagcgaga aaccagattc 360
attgcttggg gcagaggagg gaggagctct ccaaaagggg gatggaactg acttcgactg 420
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<210> 27308
<211> 579
<212> DNA
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tttcgtatta atacgatttt gaagcggata agccatctag attatgtgaa tgatatcgac 180
caggttctta agaacgcggg aagggaacgg tcgcagcaaa tacaggccga gatcgagtcg 240
ttgaacaaag tgaggaacgc aaaagagatc gtcgaaataa atgagattat tctttggatt 300
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ggtgagctgt cgcttttgac gctcgaggca aagttgcagc tcaagtatac gctttttgaa 420
gttgatagtg acggggatgt ggattttcgc tctacgaga ttgtcgactt gattcctgag 480
ggagatcagg gccagctttc aacagcggaa aaacaccgtc aaacaacaaa gagaatattg 540
cccaggaaa tcgatatcat acgccacttc cttcgaact 579

<210> 27309
<211> 317
<212> DNA
<213> Aspergillus nidulans

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ctcccaggtc cggtcctgga cagcgcgccg aaagcgagcg ttcacggcag tgttcacggc 120
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 ctgaacacat cggaggaata caagtacttt caggagccgg ggaatgacga gatccacgcc 240
 cattatgact cgcgtttctt caaagatccg gttcctaaag agcaccggtc gcaagtcttg 300
 acacatatca tccattc 317

<210> 27310
 <211> 255
 <212> DNA
 <213> Aspergillus nidulans

<400> 27310
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 ccctcgttag actccccagg atcgttcact tcgaacgaga gcgtggatct ctcccgaagc 120
 gacgatctat catactttgt cgcggagatc gcgatgcgga aaatgctgca gcgctgcaca 180
 tgggcgacga cacgctggcg cagggcagac acgtctacgc gcccatcgtc gccgtcgaac 240
 ttgagcgcca attag 255

<210> 27311
 <211> 224
 <212> DNA
 <213> Aspergillus nidulans

<400> 27311
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 gggttcagtc tgtcggatcc ggatgcgtga gcacgctcgg caccaccgtc tctgcagtcc 120
 agtccgcaga gccggtgttg cgttggttca actgcagcag gaggtctgag ccccgccggt 180
 aaaggccacc agcaggctgc caccaatcaa cggtatacaa ggct 224

<210> 27312
 <211> 255
 <212> DNA
 <213> Aspergillus nidulans

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ggatgggaga gtgagtgggg gaagaaggga gtgtgccaaa gagggacgga ggatgaaaga 120
gaggggaaga gggagggcac gagtgaaagt ggattgaggg cacgtgggga gttcgtaggg 180
gtgagccgat ggaagccgaa ggggtgaagaa ggagtggagg gagatgggga aaaagaggag 240
aaggtggagg ggtag 255

<210> 27313
<211> 246
<212> DNA
<213> Aspergillus nidulans

<400> 27313

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gtattcaact ccaccactgg tgttgtaacc aaccagatgg gtcctttac actttagtc 180
gggacgaacc acggcctggg aaggattgca aacaccagaa tgagcatgat gcatcggcag 240
aagtag 246

<210> 27314
<211> 249
<212> DNA
<213> Aspergillus nidulans

<400> 27314

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agagaatact ccagaaatgt cgatgagcgt atccctgagg gcaaaacctg gttctggagc 120
gacttccgca ctcaaact tggattgag tcaactaatg gtgaagatgt cggccactat 180
agcgaaacac gggacgtgaa gatgtggagg gccaaactcag gatcatcgat ggcaccgcag 240
ccaggctga 249

<210> 27315
<211> 258
<212> DNA
<213> Aspergillus nidulans

<400> 27315

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agggccttac tcacaagaat gtgcagcgta catcatcgtc cattttgttc ggcccactgg 120
 cggttgcaat cgacgtcgac gaactcagct ttgattatcc gttgactgta aatacaacct 180
 tcggcgactt agatgacggc ctcaccatcg acgcttggat gcggagggga ctcagagttg 240
 acccgagtgg cgtacccg 258

<210> 27316
 <211> 396
 <212> DNA
 <213> Aspergillus nidulans

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 atcgtaaaca ctatcgagcc gaatggctgg atcaagggtg ggcagtggaa gacgtacaag 180
 gtgcctcact ttcacacca ttgccacgaa tgctatggaa tcatccgagg gggatcaacc 240
 tatctccttg gggtcggccc caacgacccg aaggctcgacg aggagggtag tccatatggg 300
 atgaagtga ctgtccaaaa aggggatgtt tttgttctac cggtaatgc tacttcaagc 360
 aaatgcggaa tgcgtgacta caccggagga agctaa 396

<210> 27317
 <211> 357
 <212> DNA
 <213> Aspergillus nidulans

<400> 27317
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 gcgcccacac ctcttccct agggctcgag cgggaattta ccagggactc cgagctcgag 180
 agagaagacc ctatttggga cgattatgac ggcaagcccg taaagtcgaa gaaggaggag 240
 acccctgtta aagccgtcaa aggattctgg gccagcttgg gagcagctac tatgggaagc 300
 agtaaacc aaaggccagcaa gaagaaatcc gaggagaagc ccagagaacc tgacccg 357

<210> 27318
 <211> 378

<212> DNA
 <213> Aspergillus nidulans
 <400> 27318
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 gccatcactg gcggtgcaag cggcatcggg ctcgcaaccg ccaagctcct ttctctcgcg 180
 gggggcaccg tttgcatagc cgacgtcaac ccgaccactc tcgccgaagc agaatcctat 240
 ttcagctcca agacaccggt cgtccaatac acaatcactc aagtagacgt ctccaacaga 300
 caacaggtcg attgttgat cgcgtcgac ctaacgaaat accagcgtct tgacgcgccg 360
 ccaatatcgc aggcatag 378

<210> 27319
 <211> 254
 <212> DNA
 <213> Aspergillus nidulans
 <400> 27319
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 agcggattgc aagtcgacct ccgtggccct ggcatccaag tgcttcgccg gatgaagcta 180
 gaagaaacat tccgccagca cgctgtcgcg gaacaggggc ttcaactcgt ggatcgaaga 240
 ggccgaagat gggg 254

<210> 27320
 <211> 621
 <212> DNA
 <213> Aspergillus nidulans
 <400> 27320
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 aagattcggc ttagtttgct atttacggtg ggactggcgt acattataca cccatatgga 120
 agtggatcgc tgaggctaät gaagtcagaa catgcactgt cagtgccgcg cgcctctcag 180
 ttgttgtctc gcagggtccc acagacttta cctgtaaggc tatcaccctc ctgacccttc 240
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 gtacagatac ttactataca actcattcat atacagattc gaccgagatg ggtgggtatcg 540
 ttgtccaacg gaattttgag caggtttctt cgtatacggg tgttgattta ctgcggaag 600
 aggaagagac aggagtgcc a g 621

<210> 27321
 <211> 255
 <212> DNA
 <213> Aspergillus nidulans

<400> 27321

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 agtgcggggtt ttaactcggg tgatccggaa gagagtccca ctaaaaaggc tagggatgag 120
 tccaaaggga aggaaagaat ggctgttgct aggaccaacg aatatgctga tagtgatggt 180
 ggtgaaaatg aaggtatcat gatggatgct cttctgaata tggaaaagga ggcttctgat 240
 acggacttcg actga 255

<210> 27322
 <211> 357
 <212> DNA
 <213> Aspergillus nidulans

<400> 27322

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 atcaactcca atcctgatgg tggatgattt atatggctgg agaaccggg caacaacccc 180
 aacgcggagt ggaagcaaca ttttattggg agatggcaa cggtcaccg ccttgagtc 240
 ggttacttta cccaaaggac gttccctgag gtcattgccg cgccggtagt acatgggcca 300
 tacgataagg caagatccca gtggcataga gatacccgg ttactaactt gctatag 357

<210> 27323
 <211> 383

<212> DNA
 <213> *Aspergillus nidulans*
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 ctgaacgaga ctgtaaagct gaacgaaggc gagaatggag aaacaaatgg ccctgtacac 120
 ccacggaaaag gaatgccgga gtggaaatgg aagggcaccc ttgcggtcat cttgctgcag 180
 actattatta gcggtatgtg tgtcattatc ctgccccct caaccttact catttaacat 240
 gtgctagggt acgatgttag caatgtcgcg aatatccaag ctgcctgta tgagaccttt 300
 ggaaatatcg agcttctgcc ctgggtgggt ctgtcgtaca gtttggccaa ctttgcgctt 360
 atctcgctgt cccgaagat ctt 383

<210> 27324
 <211> 1349
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 27324
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 ctcggtcttg tcaactctct cggcgccaac gaagttgata tcgccgtcgg ccgttttagcg 120
 cccagctact ggctggaata tatgccgctg ctggcagggt tcgtctttgc cggcgatcga 180
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 acctcgcagc gtggttcacg cgggtggatgc agacgcagga attccatgtc tcgcgcagcc 300
 tcgtatattg ggaggtcgac aagacgcccc ggccccggtg gatgtatttc atcgccccag 360
 ccctaatactc agctaccttc aatggcttcc tgcttgccat gacggtcttg tctggcgact 420
 ggtacggggt tgcaatacgc atagctatta tactcctcat catcgtgcgc gcatacatga 480
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 ctttgcagg cgcgctagaa gaatggaaa agaacgcgaa gagggatccg caggcgccgg 600
 cgctgcggcg ggactcgcga cagtggcgac cagaggtcgc caagatcctc gtcgtcatgc 660
 ctgattcgcg agccgtcacg atgtttatcc ccgagcatct cctgcgcggt gtcttcgtca 720
 ccgagacgcc cgtccggtca cccgggatct accggctggt gcagtggacc ggctgggtgg 780
 cgtttaccgt ccacgtcgtc aactaggca tggcccaatt ggcgaccag ctatatgtgg 840

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 atctagatgt tgaaaaaggg ttttaagtag 1349

<210> 27325
 <211> 342
 <212> DNA
 <213> Aspergillus nidulans

<400> 27325
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 gggctgtcct tctcgtcctt ccattcgtct ccctttcgca cagcaccat gagatgcgaa 120
 tatgcaactc cgagtatcgg ctctacaggg cccgggtgga ctgtgtccaa tcaagatccg 180
 ttaaggaagc agggcgcggc tcgagaaagc ggtatcatga ctgcgtcgaa catgcgacag 240
 gtgagcatgg gaagcgtcct tggccttggt gttggagttg gattaagggc gttctcgcgg 300
 gtattcgtgg tccttttcgg catggggatt atattggtcg ag 342

<210> 27326
 <211> 596
 <212> DNA
 <213> Aspergillus nidulans

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 aaggccacta gaaaacctga tctcgccaac atgcgcagcg gcactggcca gggctcctgat 180
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ctatccgagg cagatttcga cggaaaaccg tcgtcatctg atagccagga tgtttccatg 300
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 gaatttagag aacttcctga ggcaggcttc cggtcgacca tcacggctcg gctggcggct 420
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 gtactccgca gctattattc gggctcattc ggatgggcga catgggttgt tgacggttct 540
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<210> 27327
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 <212> DNA
 <213> Aspergillus nidulans

<400> 27327

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 gtatataagt tcaaagacgc gaaggagggc atccaaaaaa tatgcaaaga gatccagcct 180
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<210> 27328
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 <212> DNA
 <213> Aspergillus nidulans

<400> 27328

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 tgttcggggt ggagtagcga gaggggtccg cttggccatg tctttgtgga tgtgagtga 240
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 cctggggctg gcgagaagag tgtggacgtg gatgtggcgg aggaggttcc tgtgttgggg 360
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<210> 27329
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<212> DNA
 <213> Aspergillus nidulans
 <400> 27329

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 ttgctggtat atagttccgt ccttgtcttc accaccaagc cactgcaact cctcaaggca 180
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<210> 27330
 <211> 230
 <212> DNA
 <213> Aspergillus nidulans
 <400> 27330

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 tgtacaaggc tcttgcataat gctatcaggt aacctatgca tttacaggta ctttatgccca 180
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<210> 27331
 <211> 423
 <212> DNA
 <213> Aspergillus nidulans
 <400> 27331

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 agtggtgcaa tgaaccctgg tgctgccccg accaaccttc tgcgacacgc cggatggact 180
 aagtttctca gttggccggt gctccatagt ccgaagctag ccgctctcac tgagctgtac 240
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 cgcatccata cactgtcgc ccccatctg atgaatgcgc tgaggtccaa acaagccggt 360
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<210> 27332
 <211> 423
 <212> DNA
 <213> Aspergillus nidulans

<400> 27332

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ccgacctgca agtttactca gagtatggag gaacacacga gacatatgat gttatcgca 180
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taa 423
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<210> 27333
 <211> 297
 <212> DNA
 <213> Aspergillus nidulans

<400> 27333

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cgagatgtcc ccatgggcat cgattccacc cgcctagggt ggatgggctg gcttcgttgg 180
aaagcatgga tccgcctagg ctgtcccgag tgtgagcgag gtgtgagtgt cgcccatggg 240
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<210> 27334
 <211> 351
 <212> DNA
 <213> Aspergillus nidulans

<400> 27334

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gaccaggacg gcggaaccct cgaccaggac gatgaatggg cgatgaaaat ctatcgggtt 180
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cgaggaatgg tgcgacagaa gttgaaatcg tcgaccgggt ccgagaattc gtcgaccagg 240
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<210> 27335
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 <211> 276
 <212> DNA
 <213> Aspergillus nidulans

<400> 27336
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 ggttcaatta ttcgcgtcga ggcaacggca ggggctcttt tctttcacga gagggaaaag 120
 aaaccagagg gagagacagg acggaaagct ggtactggtg aagacgaaaa aggaagagcc 180
 ctgaagcttc cctccgcgaa atggcgacta ggagggtggg gagtaagaca cgagaacgaa 240
 tctacggaaa ggaacgaaaa gagcactggg ggttaa 276

<210> 27337
 <211> 333
 <212> DNA
 <213> Aspergillus nidulans

<400> 27337
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tacgatgagt acgcgaatgt cttccgcca gttcgcaagc tctggggccg tatcgatgca 120
ctatgcgcca atgcgggcat tgtcgatact tcgtccgtct atatatacga ctggaagaac 180
aggagcgttg atgacattcc tccggccccc gagttggatg tcgtggacat caactataag 240
ggagtaatct acggcactca attggcgact cacttcatga gacataatcc tcgacctggc 300
ggtcgcattg tggtcactgg cagtattgga gcg 333

<210> 27338
<211> 256
<212> DNA
<213> *Aspergillus nidulans*

<400> 27338
gccgcttttg ggctccggcg tggatccagt tggggttgtc tttgggctat ttgccagtgt 60
catagctcgt tctgtaggga gtatctgcct agactaatgc ccaacgtgtg atttccaagt 120
cttcactcta accaaacctg gcagccgact attgctgtag cgtaacaata gacttgctcc 180
tagcatgtct acgagccacg ctggcagcag gaaataactt tttcccatat agttggcaga 240
caactgggtg cactaa 256

<210> 27339
<211> 348
<212> DNA
<213> *Aspergillus nidulans*

<400> 27339
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gacatcggtg tgccgcgattt gtatctgtta gaacaaacgg cagctaataa gctatcagga 120
aacgtcagct acatcatgcc cacactccac gctatatttg ccatcccagc aacgaatgga 180
tcgttccttc accatccgtc gtttgccctcg gctgcaggga cagacgaagc tcacgaagag 240
gcgctgggtg tgggcaagac cctcggggtg gttggctggg aaatgctcac aaatgatgag 300
ctgttcgagc agtccaaaag ccaatggcag aaatgcgtga atgaatag 348

<210> 27340
<211> 816
<212> DNA
<213> *Aspergillus nidulans*

<400> 27340

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tcatacaatc aacaaaccct cagggtcaat atcaataaca tgtcatccac actgtctact 120

ccgtcattgt ctgagtttcc gacgccgaac caaaccceca ggcttcccac tccccgaac 180

tcgccagagg aaacgcatcc ccatatcatg agtgcggaag agaacgaaat tcttgcgcaa 240

gagtctacgc ggctgactga atctggcgat gatttcgctc caacgatcac ctactcctg 300

aacgaatata ccgacagaat gaagcaaata cagaggcgga gactagctga acagaaagga 360

gaacatgaga tactttatgc aaaacttaga agacaaaaag actcagcgct gtctggctctg 420

aagcaggcgc aagatcttac caccagatac aagcaggaac ttgacgcaa agtcattgaa 480

gaggagcagc tcaactgagaa gatgaaaacc ctagagaagc tgcttgctga gacagccacg 540

caacattcag aactaagaa ggcgatgct gagaaagagg aaatatggaa ttctgtcatg 600

ggccccctgt cgagggttaga gaacgtcaac ggcgaaatcc gggagcagct gggagaaata 660

aaacagcagc tagaggggac caatgcttca attgccgagg aaagagctat cagtgcacaga 720

aacctctcag aactcgcttc tgtgagagac aaactagctg aggaaaaagt ccagcgagcc 780

gccgtcgaac gcagggttgaa cgagcaagtc gataga 816

<210> 27341

<211> 243

<212> DNA

<213> Aspergillus nidulans

<400> 27341

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gcgctcacia acccatcgaa ggaattgtcg gaggagggtc gggctctcgt tcaggacctc 180

cgaatcatca ttgaagaggc caagaaactt atccttagca agaacgacgg gcagttgttt 240

tag 243

<210> 27342

<211> 688

<212> DNA

<213> Aspergillus nidulans

<400> 27342

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gtgtggaccg gcagcaagaa cggaaacgcg atccagttcc cttccatagg ctccaaccag 120

aacgtccaga cgcactcgga gaagcccaag atgtcaacgc cctcttcctc ctcaggatcg 180

gcctccaact ccggcacctc gacgcctgta ccgttcgacg agaagaccct cacttcagtg 240

aggacacgcg ccgcggggcg acaccgcaga gacacgactc gccccttcgg ccgcgccttc 300

taccaaggct tcgccaactt cttcgtcatc cccatccctg gaatcgtctt gtactcgact 360

tttatggtgg tcatcagcac tgtctggcgt ctcatgggcg tgctgtccgg cctcctcgtc 420

ctcgcgcatg ccttgagaca ggaataccgc gcctttgacc gcgaatgggtg gcagcctttt 480

tccgtctatg gcctcttcac ggccgttgtc gcggcagtc ctttcgcgca gaccatcatc 540

ggtgtcgccg ttgtcatcac cacgaaatgg gctgtcatgg gccgccgcac agagggccag 600

tatcactggg acaaatgcag ttataaccag cgctggcagt tctacctgac cgtggaaacg 660

ctcatcaaag acatgtaccg cggcatcg 688

<210> 27343

<211> 309

<212> DNA

<213> Aspergillus nidulans

<400> 27343

atggtcctcc gcccgttggc catcattctc gccctggtcc gatccgcgga aggggaactc 60

gtggtcggat gccgtatatg gatgatcgcg aatccttcgg ccgccggagt aggtcacgcg 120

accaagatg ggaccgggat cgagaccgcg accgcgaccg cgacagagac cgaccgcttg 180

accgtgatcg tgaccgagag cgcatcatcg tggatcgaga tagagaccga gatattcggg 240

acatcgatag acgcgatagg gaccgtgatt tggatcgccg agatagattc gatcgccgtg 300

acgaattag 309

<210> 27344

<211> 246

<212> DNA

<213> Aspergillus nidulans

<400> 27344

atggcgctga tcgccaccct cgctgctg gtgctgggct acccgtttgc ctggtttctg 60
 gcgaagttgc cacacaaggt gcgtccgctg ctgctgtttc tgctgattgt tccgttctgg 120
 accaactcat taattcgtat ctacgggctg aaaattttcc tcagcaccaa aggctatctc 180
 aacgagtttt tgctctggct gggcgttatc gacacaccaa tccgtatcat gttcacgccc 240
 agtgcg 246

<210> 27345
 <211> 342
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27345
 atgccgacag cacaactgca tcatatagtc cagggcctcg ctggcgttcc taagaccttt 60
 atagaacaat cgccccaaga tatcatcctt attgatgtcc ttgttgctgg cccagcaaaa 120
 cttgggcata aactcgggcg tttccagaaa accatattct gtcacactca gctctgtgac 180
 tgtcggggcg gacgtatcgc ctcgagggtg caggcaggct acatgatagc cattctctct 240
 cgtgctgcga aaaaaatctt gggctccac gggtatgagg ttttcgagac tgcgatgact 300
 gtcacatac aggtagcaac cgggtgaacat actacatctt ga 342

<210> 27346
 <211> 807
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27346
 atggggctcg cgctgaaaag aaagcgtctg tatcttttgt caggagccga cgacgaatac 60
 gagacgagcg atatcgattt gcaagaagca cgtaccaga acgacttgcg tctgaagtcc 120
 atctttgagg ggattttcga aaagtacggc cgggatttta cagacgtcgg cgacgagatc 180
 gaccttcaga caggaagat cacggtaaac aacgggcaca tcgatgcact cgaggtggaa 240
 ggcaacggtt atggggactg gctgtcggat gcaaggccgc aggctccgag acatgtacta 300
 gcagaaagga cggattatga gggcaagccg gcgcgccttg cccttgacgc cgatgcgtgg 360
 ggtgcagaag .atactgccct ggaaggcgac cagcactgc aacatcccgg ccggaggacg 420
 gtccatctac tatcacacat gcggccaggc tctaggaggg gattgggcga aactacggaa 480

acagattcag atcaggggtgc ggcgggtgac ggagaggatc gtgctacgtc ggaggctgaa 540
gacgacaggt cgagtgtgga ttctttgtta ggtaccgcac tatcaatccc ggcccagaaa 600
gtcggtaaga ccaccaaggg cgagactggc accgaaaaag caattcctcc ccacgacgga 660
tcccaccaat accaggccgc acatactgag agactcgatg agactgtgga cccattttgg 720
cgcgttcctg agatcagtgc gaagtttaca acaccgactt tgccgagtcg acctagacct 780
aacccaaagc ctgtcattaa caatgca 807

<210> 27347
<211> 650
<212> DNA
<213> Aspergillus nidulans

<400> 27347

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ccggccgccc gaacgtcagc taccaaggcc actccaacct tctcaaacac accctcagcc 120
tccgccccaa aagtcacacc catcgctgac aagtcaaacc cccgcaaat tcgagtcgcc 180
ctgccagaga tcagaccgga aagtgaggaa ggggaagaag atggccccgc gcgtaagaag 240
ctcagaatcg gaggaggcgg cgccggcgcg ttcgcgggct tcaattcatt actacctgcg 300
cccaaacgac ctaatgcgaa ggtggaaaca gataaattag ccggcagcag acccacgcgt 360
aaggtgttta gcttgaagac cggggctgcg ccgggttttg atcgcgaggc cgatgaggag 420
atgaggagag atatggcggt tgagaatttg ggaatgggcg gtgatgacgg taatcaggat 480
gagacaatcc ccaaggcggc gagtttgagg ggaaatgagg acattgaggc gaggaatgcc 540
gtggaggaga aaccccagga agtggctctg aaggggaacc caatgatgtt caaacgctg 600
tccgtggcgc gagcagggca gaagaaaaag aagccgatta ttccgacgcc 650

<210> 27348
<211> 468
<212> DNA
<213> Aspergillus nidulans

<400> 27348

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ccaccgaccc gcaacaagtg ccgacccggc taacctccta cacctcagga ttcaaacaga 120

accagttatt ctgtcacctg cgctgactcc gtcacaacaa cctgcaatgt cgacagcggc 180
 gtgacaatca tccaggcccc cagcactgtg acagtccctg tcaactgaaac aggacagtaa 240
 ggcacccgtc cactcaccaa cacctctttg aatcccagcc aaccaatgct aatatccatt 300
 tcttgcttca gcaccggcag cgttctctgc acacacaacg ccaaaacggg aacgtgctcg 360
 ctcggtatgg acggcgagtt ctttgccacg agcaccgaac ctgttctttc gtatgaagtc 420
 accatcaccg aaacagagac cggttcgccg tcgacttcga aatctccg 468

<210> 27349
 <211> 1033
 <212> DNA
 <213> Aspergillus nidulans

<400> 27349
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 acgatccgtg tcctcgacac cgccctggc tcgcccaacc atgcactcca atatattcct 120
 ccagaactcc ttcccgaac gtttgtgaac agtacaatgg acggtccgta tactggaccc 180
 catagcgccg atttctcgcg cggcgcctgt cttcttctcc acggcggggt gttcatggat 240
 gtaggcatta ttctgacccg atcgctggac cggatctgct gggctcagct agaggaccct 300
 tgcacgcctt tcaatgtctc tgtaccctgg atgtatggaa caacaatggc gaaccatttc 360
 gttgcgagcc gcaagggcga ccctttcacc cgacgggtggc atgagctctt cctgtatgtg 420
 tggaaagacc gcactaactt ccagggactc acgaagcacc cgttattttg cgtttgccgc 480
 acatctggac ttctctgcgt cggcaaagag gggtttcaag tgggagtta ttgttgatcc 540
 ggctacggtg ttcgactaca tttcgaggt tttggcttgg attcgactga caatgttgga 600
 agacgcggga gacgggttca gctgtgctga ttatgctgtc aacaatatcc tctggttcga 660
 tgtcctgcct gagaactggg ggtttgagga gaaagtcggt tttcgtggag agaatctgtt 720
 taggatcatg gccacacgga cagatggcga tccggagagc gaagagtaca agaaggcgca 780
 cgaggttgct tggcacttct tgtcccagtg cagcatgcaa aagatcacgc acggggagaa 840
 tttgacgaag acgcccgcgc taggttcatt gtgggatagg gaggagaatc agggcaagga 900
 tatcgagcca gggacttttg ctgagctgct cagatacggg acaacacatt ttaagcagac 960
 gagaagtaca attcgctatg tgactgtgga gaagccgaag gagacgatgc ggaagggcgt 1020

ctttgagccc taa

1033

<210> 27350
<211> 1073
<212> DNA
<213> Aspergillus nidulans

<400> 27350

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tggggcactc aaccagcccc ttcattcagga tctattcttc atgatattca attcaatccg 120
gatccgtcgt ttgatccaca gcaatatcgc aatattcata atttctatgc gaatgcgaac 180
ctctcgggat taggaggcgc aagcgcaact ggtactttcc cgccgcctcc gttcgttttc 240
cccagcactt tccctcctgc accgagcgcc cctccattcg caaacatgcc gaacgtgggg 300
tattccttga tgccattatc gtcagtacat tcacaaatgc gtcccaacca ggcgtcaacg 360
aacaacatgg acaattcggc aagaaagaca ccgggtcagc accccacgcc gactacaaaa 420
tcaaatacagg atttgaccg agaagaaggc gaattaacgg atatagaagg tgctgcatcg 480
gctgagcagc agcctcactc gcaaaaaaaaa gcgcgtcgtc tacgcggcga tatttcaggc 540
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ggttgcgagt tgctttcaga ccttgaagaa ggcgaggctt cgcattgaacc tcgcgcctct 720
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cagtctccgc ttctagcagc tcaaaaagtt ctctgagtc ggctgtctcg gtcgctcaac 960
ttcgggtgca agcacagggc gccctactca gtttggcacc gcacagtatc cgttatactg 1020
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<210> 27351
<211> 396
<212> DNA
<213> Aspergillus nidulans

<400> 27351

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agaggagcag ccgaaggaac ggggtcagag cacttacatt gtctcagact tgcagaaagc 180
acaaaagctg gaatcagatg aaaatatcag tgaagacgat gataaatgga tggaagagac 240
gctcgagacg aagcagggtca agaatcgaga atcgagaact cgagatgttg ttcgttgac 300
gaggaaggaa cgaccgactg cggaagctt ggaccacccg atcccgcta gccctgatct 360
ctactgtact ggtactgtag agctactcga gagcag 396

<210> 27352
<211> 672
<212> DNA
<213> Aspergillus nidulans

<400> 27352
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tcacctgcca ctggaaagcg ccggacagcg tcgtctgccg gtctctccag ccctacaacc 360
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accagcacc gccggtctgc atccgttgcg tccctggatc tgcccgcacg ggaaatgccc 600
aagcaaccta aacaagtcaa taaacccgac tttttccagg agaagatcct cagaggcgac 660
tttatggact ga 672

<210> 27353
<211> 348
<212> DNA
<213> Aspergillus nidulans

<400> 27353

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gatgtgagta cgacggagat tgatattctg attgatccgc aatggcctga tagcaaaaca 180
tctggaggtt gcccgcgcc gattattgtg agtgctgcgc cgtaccctgg tgagggcttg 240
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tggtcttttcg cgatggttgg gacacttgat gacaagaaga agacttag 348

<210> 27354
<211> 731
<212> DNA
<213> Aspergillus nidulans

<400> 27354

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tccatgttcc tgccctgggtt tagtaaggaa agcatcgctt cctcagtcgc tggaaatgta 120
ggtttaattc aatcattgcy tgacggatta cttcgacctg cagagctgat ttggttttta 180
ggacgatacc gcaaccacct acagcatgac ctgtgcggct tcttatgaca acgaggagga 240
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gcgaagccgc cgaagagacg gctgatggat ctggagcaga agcgactccc acaggtgcgg 660
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<210> 27355
<211> 1182
<212> DNA
<213> Aspergillus nidulans

<400> 27355

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gaccgggtcg gtgatcgcat ggactatgag gatggggtag aaggagactt tcaggaaaca 120
gtgaatatca tggacttgag cttggcccgg gctccagagc ccaaactctc caacggtgag 180
gtgtacacga tgccggttcc gaactttctt tcattagaaa cagaggagtt caaccagag 240
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cctcttgaca agtcgggaga ctacgacacg aagttggatt ctcatgtata tttaggagca 480
gcgtccgaga catcaggagt gttcagactg acttctcacc taactcatgg actcactgta 540
tatcccacga ctatggaaac agatgacgag gttcagcgac tgcaggaatc cctagctgca 600
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cgtcgccgtg agcagcttgc agataggag ttggaccgtg gccgcagata cggcatgtct 780
caccgaccg ggggtgccgg acttacagtg ggggggctgg aagatgatga cggcctctc 840
gcgacaaggc ctctgcaaaa gaagtcacgc cgccctaacc gtagaggcga gattttcact 900
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<210> 27356
<211> 593
<212> DNA
<213> Aspergillus nidulans

<400> 27356

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cagggaccac aagcagcgtc actcccgcga cttctgcgga cgaagccgtt gagcaggtgg 180

ctgaaaaggc gaaggagctg gccaaagaca ttggggccgt ccccgccgag gataagaatg 240
acgctcctgt gcagaatggc acacataccg acgaggacaa ggaacgtggt gctgagcaga 300
atccccgtgt cgacgagaag cccgagccag cattggagct gctgtccagg ccggatggcc 360
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aggaaaagtc gaagcctgtc ccggaaccgt tggatcgacc agatgtcgcg gctgacgaga 540
aatcatccgt ggccgagccg gcgacaactg aagtcgcgcc tcaagcaccg gtt 593

<210> 27357
<211> 422
<212> DNA
<213> *Aspergillus nidulans*

<400> 27357
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cccccaaga gtgaggatca ggcccatgct gacaaccgta tgctgactct gccctacctt 120
gttctgctct gcaataaccg actaatctgg gattgtagat gacctctccg agagacaagt 180
ctattactgc gacaaatata gcgcggggct ctgcgcttgc ttctgccgct acaacaagta 240
tgattactac aagtgcgctc cgaattactg ccagtgtac aacgtgtacg caccggactg 300
ctattacgcg tactactact actcgtctgg tggctatcct tcgccagcgg agtatgaagt 360
ccaccgcct aagtaccgc actgtccgc gtatccatac tgtagcgagc ggccgtacac 420
ga 422

<210> 27358
<211> 447
<212> DNA
<213> *Aspergillus nidulans*

<400> 27358
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ggctctggat acacgttgga taaggccgtt cccctgccta aaggcgtgga cccggacaag 180
cgcaaggcaa cgctctttgc ttacagcaac aatggaaaag gctgcgtctt cctcgacaac 240

aacgtcggaa agaagcagta catgtccatc aaggtatgca aagtcggggg taaaaactgc 300
gacagcgaca ctggctcctt tagccaatac gcggggectg tctatgtgtc aagctttgct 360
tgtgcgccgg ttaccgcgaa gatgggctct tcgtcgagca atttgtatgt gaactataag 420
aatgactatg ttttcccttg taattaa 447

<210> 27359
<211> 408
<212> DNA
<213> Aspergillus nidulans

<400> 27359

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gcgactggat atcaccattc agatcaagtc accgacagcg ccagtgcgga tatgagcgct 120
caggagccaa acgtttcaag gcagagcttc agctatgagc ctgcagtgtt tcctcagtct 180
acattcgcg atacagagca agctatcacc cacagcccac ccctggagct ttcgaacatg 240
catccggagc agcaaacctg gatagaaaac ctgattcaag acagcagccc tagaacctac 300
attcccagtt ttaccggctg gggagaattt gactcgctgg ctctcacagg cctgggagag 360
ttaggtcaca tattctcatc caatgatcta ccggatttcc ggggttaa 408

<210> 27360
<211> 285
<212> DNA
<213> Aspergillus nidulans

<400> 27360

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tataactatt cccgcctaaa gtccgtttcg gggcccatcc tcgctgcatt cacagatgcc 120
tgaggggcaa atgcacagcg gtcacatca tcttctgaat acggccgact tctgaaagag 180
ttacatcgca agtatggggt tgctgtgcgt ctggggccgg ggttcgtgag ttttaagcgaa 240
gtgggggata ttacaagagt ttatcatact ctgctccagg acgag 285

<210> 27361
<211> 438
<212> DNA
<213> Aspergillus nidulans

<400> 27361

atggctccca ttaggcctaa agcttccacg aaaggccgca aacgctgggg tcgtgggaag 60

agcaaccact tcgagagccg caccaagagg aatcgcaaaa tcccgcgcct tggatatcaac 120

cggatcgaga gaaaccgtac agagaggagc agtgccgaga gacagcgtgc tgagaggaat 180

aaggttgaga agagtcaagc cgtgaatagt attgctgaaa aataccgcgc tgagaaacag 240

ctgccctgga gaccgcccgc gcctctagcc attcttgccc aaaaacacga actggcattg 300

tctagaaaag ccctgttccc gcagtcaggc ctttctgctg cgagcaagaa gccaagcca 360

gtcatcacta aatccagaca tggctctggc aaatacaagc ctgtggccca gtggccgtca 420

ccggaacctt tggagatg 438

<210> 27362

<211> 405

<212> DNA

<213> *Aspergillus nidulans*

<400> 27362

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gacagtgacc aggtcgtggt gaatacgcta gctgacctat ttgatattaa gaaagccctg 120

tccaaagata cttcggcgca attagtcggc tcaatgactg acgcgtctct tcaaaacctg 180

accgacaaac gttacagcag ccgcttcggc gcagttgact cgaaatccac tgaggttgtc 240

actcgaaact ctccctccac acttgcgacg cagaatgaca accctccggt tggattatc 300

gacgggggtc tctctcaacg aattggagca aggcggagta aaccatctcc caatgaaatg 360

agaaaacgcg gtgcccctgg tacggcgaag agcgatgatg agtaa 405

<210> 27363

<211> 302

<212> DNA

<213> *Aspergillus nidulans*

<400> 27363

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tttccttgaa aacagcatca agatagtata ggccaccaag gtccctcgag gagggcagtt 120

tagttcgatt acggaaccgg ggaatactct cgatctcctg tcggagtctg cgcataatca 180

aaggattggt cagaaggaag aagaacacag agacaaaagc cttcggtata atctgaatgc 240
 tcgcagcgag gatgaggccg tcgggtgcac taatggcaag tttgcgggta gcgctggggc 300
 cg 302

<210> 27364
 <211> 443
 <212> DNA
 <213> Aspergillus nidulans

<400> 27364

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 ggtgattcca ctggaaacgg cgatttcttc gatgagcagc aactagggaa ctacttgctc 120
 tttcttaacg aatcttcttc gaagaataac gacgaatctc tggatccgtt tgggttctcg 180
 gctgataacg gcgatgcccc tttgcataag aggagtctct cagccagtga tgcttggttt 240
 gggtcagagg agccccgatt tgggtggcggg gggtacaaca gggtccttca cggtgggtta 300
 ggtgatgatt ttgattctcc tgggtggtttt ggctcgccgg attatgtttc tagacagcaa 360
 gaggagattg tgaggatgaa gatggctcag agacagcgaa tggctgctgc tcagtacttg 420
 gcggctactg gttctccaat gtc 443

<210> 27365
 <211> 326
 <212> DNA
 <213> Aspergillus nidulans

<400> 27365

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 ttcacaagga tccgcgccgt tcgcaccaag ggaaggtagg cgtcaccacg acctagtcca 120
 gcctcagtct gagctcccta aatacctgga taatgtttcc gtgtttgtgg actagcctgg 180
 tgtaattcat ctgataagcc catcccactc cgcgggggccc aatatattgt agggaaatgc 240
 agagactgat gtcagcaata cagatagaga aaatcgtcac cgatgaggct gaggctgagc 300
 aagaaaacgt gaagaatcct cccaag 326

<210> 27366
 <211> 363

<212> DNA
 <213> Aspergillus nidulans

<400> 27366

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atcaaaatca cgcgagtccc accggaaaat tggcgcgcg g tcaagaaatt gcgctctatt  120
gatccggaac aaagtattct cttgacctcg tcgaaagggg gtagcagcct tgtgttgcg t  180
caagcacgag gaaatagcca atccaccacc aatcttcaga cttcggaaca ggggtgcagaa  240
gcgttgaaga aggaccgcca gtacccccca tatcgatttg caatcaattt gaaaaattgg  300
tggatggtct tgaatggtta cggaaaccct tttaccgaaa agaaaatgtc ttggcgccct  360
taa                                                    363

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<210> 27367
 <211> 383
 <212> DNA
 <213> Aspergillus nidulans

<400> 27367

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agccgccgcg ctacgattgt gcgtgggcaa ggcgagcctg gtcaccgagc tgccccagcg  120
cgtgggggaa acaatgatgc aagattcgga agccgtattg atatcggaga aattactgac  180
aaagcaggta aggaatatcg acggtacaaa ttccagttca atttgaacgc ggagattcca  240
ctctcaagaa aaaggccgct caagattccc acgaggggta ttcgaccgca gatgtggaga  300
ttcaagacga taggacagag ggggaagaag agcaggcgat gcgagagttt gaggaggaaa  360
tgtcaaagaa cttgagagag tag                                                    383

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<210> 27368
 <211> 390
 <212> DNA
 <213> Aspergillus nidulans

<400> 27368

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cctacaccgt ctccacacc ctcgtccacg cccatgccgt cggaagaatc atcctcatct  120
acgaattctg gcgccattgc cgggtggtgc gtcggtggtg tcgcgggcct tgctctgatt  180

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<400> 27371

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gctctagatc aacagataat gcgattctat gcaaaggccg tctttatctt tgagcgcgat 120

tcttcaaaaa cctcgattga cattgttcac cacctgaagc aaggcctcgc cgtgaccttg 180

agcgagatac ctgacctcgc cgcgaccatt gctccagtcc cgaattctca ccgcaaggac 240

ctggagctac gcatcggggc caattcgggc gtccctttca aggtcgtgga tcaaacaag 300

caggaatctt gggatatatg cacctaccct gatctggctg cgaaacactt ccccaccagt 360

gatattcctc acgatatcct cttcatccca cagccgcaac caagcgcgga cggactgcct 420

gctgcgtttc tgcaggtcaa tattattgat ggcggagtta tcatcgcgat ctcatggcac 480

cattcagtat gtgatgcgag aggcattcagt atcctgatcg atgcctgggc caggcataca 540

gcgacgtcgc tagcaaacgg caaaccgat ctgcctgcga caccagcaga gggcagccgt 600

gatcgggtggc gattagatca cggcctgcga gaggttacta ttgaccaact tcccgaatac 660

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<210> 27372

<211> 486

<212> DNA

<213> *Aspergillus nidulans*

<400> 27372

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gagaagcgtg tcgcgaaaga gaaacatgct gccgagagtg tgaatgtcga tcccgatata 120

gccagggatt gggaagttac tcttgaggtt gttttgcctg ccgcgtcggg gcctgctgag 180

gtgggtgata ccggcttata tctgacagat ccgccggttg aagtagctag tcaagcgatc 240

gtcgcgattc cgaccggcga caaggcctcg ggaaaacgtc cacaggttga cgactccaag 300

gagaagaaaa ggaagaagaa gaagaagaag aagaaggcag cgaaaaggga ggacaagcct 360

cctatTTTTTg aggataaggc tgcttcggcg aatctcctca gaaagtgcgc gagtagccta 420

cttcgggctt cagatactct actggagtct agaaagtacg ctgagacggc gtcacatttt 480

ctaagg 486

<210> 27373
 <211> 219
 <212> DNA
 <213> Aspergillus nidulans

<400> 27373

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 cgcgatgatga actgccccga ccgcacaggt cattcagatt cagaggtaca ttaccatcac 120
 cagggcgctgc acccaaacgc cactgaacgc cccggctaca gcggcgatgg tcttgctggt 180
 aaagcgaaac gaacatatgc aaactcccc ggactatag 219

<210> 27374
 <211> 436
 <212> DNA
 <213> Aspergillus nidulans

<400> 27374

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 ctttgttccc tctagctcca gctccagcgc ggtgggttacc ttcaagacct agatcaagag 180
 ttccagccct ggtcccagct ccagtttcgc tgcggctgca actactgaag ctccaacctc 240
 cactagagcc tcccgttaca ctccatacac cggcaacggc ggcacaacat gcacggtaac 300
 tgactatgct ggcatctcct cgcccggttc atcctgctcg aacatcatgc tctcggacgt 360
 gtacgccccg cctccagca ccattgacct tcaggatctg cagaccgggg cggcggtgat 420
 ctttgcgggg aagacg 436

<210> 27375
 <211> 444
 <212> DNA
 <213> Aspergillus nidulans

<400> 27375

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 attttgagac gctgtgaact ggacaatctc tcgctgcaca gcgtcaagaa tatggagcaa 180

accctgagta tcggaaacga cgatagaaaa gaggtgcaaa aatggcaggt gtgcacggga 240
cagctgatcg gtagctggga tctggcttgc agccctaaaa cttcgccgta ggcaggtcaa 300
ggtagaaaat aaggtctcgt agatttcctt cagctgggcg ccatgaaagt cggatgatgct 360
ggtcgtagcg aagtccggag tgaagcgcg gaccaggcta tcgtacagac tcacgacttc 420
gaccgccgcg ttagggggag gaat 444

<210> 27376
<211> 212
<212> DNA
<213> Aspergillus nidulans

<400> 27376
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gtccaaagtc cgtggtcgctc aagagcagag gcaagacgat tcgaccgcag aacgagaact 120
ggctgttcaa tatgaacacg cctgccgaat acaagcaggc ccagacgctg agcgaagaga 180
tcacaacaat cacagaggat ctcagttcat aa 212

<210> 27377
<211> 264
<212> DNA
<213> Aspergillus nidulans

<400> 27377
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gaggttacgg cgaaggatga gtccatggag ctgtccgacc taacgcgtaa gtcgctcgaa 120
gatgacacgc gggcttggtc gaagcataat acggttgctg aggagcggtt ctggatgcgg 180
cagaagggtt ggcgggagtc tgcccaggtg gcagcttcaa ttattgaaag ccaggcgaaa 240
ccggatatga agaagcagca atag 264

<210> 27378
<211> 267
<212> DNA
<213> Aspergillus nidulans

<400> 27378
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gccgtggctg ctgtgaaccc taccaaagta gtcttcaccc agatcatctc ctttgatcca 120
ccagttcaat acgacctcac gtatcaggag ctggcgagca tcgtcaaccg tcaggcctgg 180
tggctggctg agtgtcttca tgggaaagcc agagacgtca ccatcgcgta cagtccttta 240
atctctattg gtcattctct gcactaa 267

<210> 27379
<211> 413
<212> DNA
<213> Aspergillus nidulans

<400> 27379
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gatgccggat atgactccga agccgctgaa gagagtaaag gtcggactgt gaagcgaaga 120
aagacacaat ctcgagaaga tggcatagaa agcgcctccg aggacgagag ctcaggcgga 180
tcagagggag aagaaagcga tacagaagcg ggaggtgtac gcctacgtga aaagaagcgc 240
ggacagcgtg atgaatatga gaatgactca gacgatgatg gcaattacat gaaccaagaa 300
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ccgctcgaca agctaaaaaa taagccgccg aagaagaaca aaacgggctg cgt 413

<210> 27380
<211> 225
<212> DNA
<213> Aspergillus nidulans

<400> 27380
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aagctgccat gaagatcact agcatcttgc gtgatctgtg cgaaaatggg aaaatgtacc 120
acagcttttg ggtatgtttg taaagctatc gtggatggat tgcgctggac cctaattttt 180
gctacagttt actcattact acgcattctc agctattgtg gtctt 225

<210> 27381
<211> 322
<212> DNA
<213> Aspergillus nidulans

<400> 27381

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 cccactggta gcgaggtact tggattatac ccttaacccg tcctctcgca tactgtatac 180
 gatagacgat tctaacgagg tattacaggg ctgctggggc tgctgccagc ccaatgccat 240
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 gcctgagtgt cctgcaggag ag 322

<210> 27382
 <211> 222
 <212> DNA
 <213> Aspergillus nidulans

<400> 27382
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 cggagctgtg accagatcgc ctgggcttgg gacattctcg gcttgggcgt atcaatggca 120
 cagtcaatcg gcatcaacca gaccactca gaacccgatt cgactgggtg tgtctggacg 180
 tgtttgagaa gatcctcggc tttcagagcg gacgggcctt aa 222

<210> 27383
 <211> 342
 <212> DNA
 <213> Aspergillus nidulans

<400> 27383
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 gttccaacag tgaaccgcca gtccgagacc cgcgcaccta gtcgccggtc tcagggtgag 180
 cgggagctga aagcctcgt aagcgaagag acgctatcag accgggagat ggatcacgcc 240
 attcgagca cgcgggagag actggatacg ttggagcgga tattgcataa acgaaggctc 300
 caatccacta aggacaccga gtcttcccgc ggggaactct ag 342

<210> 27384
 <211> 306
 <212> DNA
 <213> Aspergillus nidulans

<400> 27384

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tcaatccggc ttttgcagcg ggatcttcgg gcgcggcgca acaaggtctt tgaacagatg 120
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tggtggtgtg attgccagca aaagacgttc aaggacatgc tgaccggacg ggtttttgggt 240
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gagtga 306

<210> 27385

<211> 207

<212> DNA

<213> *Aspergillus nidulans*

<400> 27385

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aacattgaag gaaacctgac agcgggtcaag acgagcgtca ttgtatcccg aaacgcagtc 120
agcatcacgg cgattgcaga agtctggagt cgcgtgatgg cgattacatc gggcattatc 180
cgccttctac ctgtgaacta catgtag 207

<210> 27386

<211> 255

<212> DNA

<213> *Aspergillus nidulans*

<400> 27386

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gatgggagtc aggagaaagc agtgccggtt gttgaaggcc ggattgtgct tgtgggagat 120
gcgacggcga catgggcaa ggggggatc gacgctgaga ctgtgcatgc tgttaccctg 180
gccagtctgg acggcgagtt tgcagatggt atggcaacgg agcagggtcat tgcgtccttg 240
gaagcgttga attag 255

<210> 27387

<211> 348

<212> DNA

<213> *Aspergillus nidulans*

<400> 27387

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aagacgacgc tagcagctat attctggctg gtctccgacg ggttattggc ttgagaaaga 120

cgcacgcaga cgccgtgatt cacgacggcg tgattgtggg atgtcaggca gattcggact 180

tcacattcag gaaccggcac cggtgagca tagacggcca tctttgagga cgccaggctc 240

aacattcggc ctgccgggtg tgcggccccc ggtgcctatg gagctggcaa agaaagatcg 300

aacgagacaa tgttacttgt gaggggggta attccagtgg tattatga 348

<210> 27388

<211> 422

<212> DNA

<213> *Aspergillus nidulans*

<400> 27388

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cagtacaaga gtcttctgac cgtcgaacga gccaaaggcc tgggttcagag cctgaagcac 120

cggtagagaa ggacggcaat acgtcgaaca cggaataacc taagggtggaa gacaagccca 180

atgggggtggc tcaagagttg accgttaaac catcatcgag ccctgaatcg gcttctgaac 240

ctatcccggc tatggttacc gctgatgggg ctgcgtctgc tctaccggac ggacaactag 300

agggtcaggg aagcgcaggg gacccaatgc aaattgacca gaaacccaat actgagggcg 360

aaccagctgc tacgaccgag gattcacagc cggcggattc gcagcccgcg gtcctctccc 420

cc 422

<210> 27389

<211> 858

<212> DNA

<213> *Aspergillus nidulans*

<400> 27389

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ccacgcatgc tgtaccgtat tcttctgggt attgttctcc aagctctgca gcagctcact 180

ggcgccaact acttcttcta ctatggtacc accatcttcc aggggtgccg tatctccaac 240

tctttcatca ctcaggatcat tctcggagct atcaattttg gaaccacctt tgggtggtctc 300
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 aacacccccg gacccggcaa gggcatgggt gtcgtcgcct ctttcttcgt tctcttctac 480
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 ctcgaggagc tcgactggat gtacgtcaac cacgtcaaac cctgggagag cagcaagtac 780
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 cacgctgaag ttgcttag 858

<210> 27390
 <211> 764
 <212> DNA
 <213> Aspergillus nidulans
 <400> 27390

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 attgcaggaa cacatccaga ctcaagagtc ctgattaccg acatcaagat ccttgatgct 180
 actgggcggg agccgtacca cggagatgtg ctgattacag gttcgcctccc tttaaacttt 240
 gggattatga gggaagattg atgtgattag gggagcgatt cacacacgtt ggcaccgtcc 300
 ccaacaaaga agatctcttc agagaccccc gagtgcgtgt tttctatggc aacggccgca 360
 ccctgatccc tggctcttga gacgccata cccatctcag ctggaatgga ggcgatctcg 420
 gccgattagg cgagttgggc gttgaagagc aactcttct caccggcggg agtgcgcggt 480
 gttttctgga ttccgggtat acgatgtaag ctttcttctt cttcttcttc ttcttcttcg 540
 ctttttgttt tatggtgcag tgaggtagac tgactgttta tcaggtgctt cggcgctgca 600
 tccgcgaaaa ggagactaga tgtagtcgtt cgcgatgcca tcaacgcggg agatatcccc 660
 ggcctcgggt atcttgcgaa cgggcaggag atggcgagga gagacggcca cctggtgccg 720

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764

<210> 27391
<211> 282
<212> DNA
<213> Aspergillus nidulans

<400> 27391

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aagaggttgt ccaagggcaa atgcctacac tacggcgatc ctgaccactt tgtacaagag 180
tgccctataa aacctaccag acgccctagg caggtggcca cagtccagga agaacaagac 240
caaatcgatg actacagcaa gagcgagtca gaaaatgaat aa 282

<210> 27392
<211> 886
<212> DNA
<213> Aspergillus nidulans

<400> 27392

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tctctggaac ggatacgggg accgaagtta tgggaatagg ggtaatggga gtccgaggga 840
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<210> 27393
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<212> DNA
<213> Aspergillus nidulans

<400> 27393

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cgagagcggg tcgaggcgtg ccgcaatgtc gaggatatct ccgaggcaat taatctcgtc 240
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<210> 27394
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<212> DNA
<213> Aspergillus nidulans

<400> 27394

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agacttcgaa ctgagcttga ggacctcaca aacatcctcg gttcactggg agatgtaata 180

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<210> 27395
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 <212> DNA
 <213> Aspergillus nidulans

<400> 27395

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 acactactag cgtgattggc gacgactcta cgacggtggg tgctaacggc gccacaaccg 660
 ttatcggcgc tgtcaccact actggtgcca atggtgagac gactaccact gagactactt 720
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<210> 27396
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 <212> DNA
 <213> Aspergillus nidulans

<400> 27396

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agacaaggcg acaaagcgat catgacggac ctgtttgtat ttgatgcggt aagcggccag 180
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 aagcccgtta cgaaggccaa atccaagtcc agcaagccct ctgggtggcg agatattacc 480
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 cgcaagttcg tgcagtgcgt ctccaatgcg ctctttggtc caaacgcagg tcctgcggag 720
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<210> 27397
 <211> 510
 <212> DNA
 <213> Aspergillus nidulans

<400> 27397
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<210> 27398
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 <212> DNA
 <213> Aspergillus nidulans

<400> 27398

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<210> 27399
 <211> 297
 <212> DNA
 <213> Aspergillus nidulans

<400> 27399

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gctcgtacgc ctcgaaacgg gcggaaatgt cgtcaagcat gcaatcggac ctatatatag 180
caacacacaa tcgcttcaga taacgaataa taacatcgac cgggttattg aagccatcga 240
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<210> 27400
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 <212> DNA
 <213> Aspergillus nidulans

<400> 27400

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ctcgtcgctc aacttcgggc cgatgttgtg gtattctgtg tcgtggacgg ggtgaccgtg 180

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